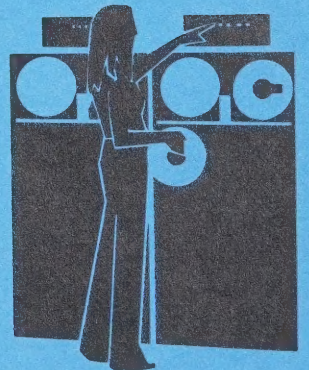


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A.N. Book
P. Kampouris

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STATISTICS RELATING TO FARM MACHINERY IN CANADA
1980-78

A. N. Goss
P. K. Brown



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ERRATUM

P.67 Subtotals for two-wheel-drive tractors in 1971 and 1972 include four-wheel-drive tractors. These four-wheel-drives are also included in the categories for two-wheel-drive tractors with 100 H.P. and over.

The "total number of tractors sold" in 1971 and 1972 should be 18,193 and 22,518 respectively (not 18,193 and 23,508 as the report shows).



ABSTRACT

This handbook draws on many sources to provide a convenient synthesis of data on farm machinery in Canada. It presents historical data showing the importance of machinery on farms, factors affecting the demand for machinery, machinery sales patterns, characteristics of Canadian agricultural implement manufacturing and productivity and profitability of machinery manufacturers and dealers. It also includes Canadian trade statistics and information on U.S. farm machinery prices, sales and production.

Since this statistical handbook is oriented towards the needs of the general public and interested in the field of farm machinery, it is necessary to provide a brief description of the machinery in the field of farm machinery. The machinery in the field of farm machinery is divided into three main categories: (1) tractors, (2) combines, and (3) other farm machinery. The machinery in the field of farm machinery is divided into three main categories: (1) tractors, (2) combines, and (3) other farm machinery.

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FOREWORD

Farm organizations, farm machinery manufacturer and dealer associations, government agencies, research organizations and individuals are continuously requesting information on the demand for and supply of farm machinery in Canada. The last comprehensive synthesis of such information is in the reports of the Royal Commission on Farm Machinery, printed in 1971. The present report is designed to meet current needs for a concise, updated summary of selected historical statistics describing the production, imports, exports, sales and numbers and use of machines on farms in Canada.

Since this statistical database is oriented towards a broad audience with varying interests in farm machinery, it is difficult to determine how closely it meets the needs of any one group. Comments on its usefulness and suggestions for revisions, therefore, would be appreciated to assist us in determining the need for and scope of periodic updates.

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Highlights

Tractors represent about 30 percent of farm equipment sales (including repair parts) in Canada. The second largest category of sales is repair parts, which ranged from a low of 12.5 percent of total sales in 1967 to a high of 19.1 percent in 1971 (Table 8A). The importance of repair part sales as a component of total machinery sales grows during years of low net farm income. Examples of this phenomenon occurred in 1961 and 1971.

Table 9 lists unit sales of selected farm machinery in Canada. Combines, hay balers, swathers and moldboard plows are included. Unit sales of these items declined over the 16-year period, except for swathers which increased from 5,000 units in 1960 to over 10,000 in 1976. Also of note is the recent increase in pull-type combine sales since 1970.

Table 10 gives annual unit tractor sales in Canada from 1960 to 1976. The total number of tractors sold increased from 25,000 in 1960 to over 32,800 in 1976. Sales of tractors with engines under 40 hp decreased from 19,000 in 1960 to 2,100 in 1976. At the other end of the size scale, four-wheel-drive tractor sales increased from 60 in 1971 to 3,200 in 1976. This increasing importance of larger-sized tractors in Canada is illustrated in Table 11, which shows the percentage distribution of unit sales by size category from 1960 to 1976.

Table 12 has the regional percentage distribution of unit sales of wheel tractors by engine size. This table shows the regional shifts in sales of different-sized tractors. Ontario's unit sales of tractors with under 80 hp historically account for the greatest share of Canadian sales of this size tractor. The Prairies are traditionally the largest consumer of tractors of 80 hp and over. They accounted for 95 percent of total sales in 1964 (the first year for which statistics are available) and 70 percent in 1976.

Table 13 provides the regional distribution of large (100 hp and over) wheeled tractor sales by type for 1973-75. It shows that most of these larger tractors are sold in the Prairies. This region accounts for 76 percent of the two-wheel-drive tractors with 100-139 hp and 95 percent of the four-wheel drive with 170 hp and over.

Tables 14, 15 and 16 list monthly sales of farm machinery and repair parts in Canada. The most striking feature of these sales is their seasonal nature which is clearly demonstrated in Figure 9.

Table 17A shows dealer inventories of farm machinery. The feature of interest in this table is the build-up of inventories in the late 1960s and the subsequent decrease in the early 1970s, reflecting the lagged response of the industry to market demand conditions. This expansion and contraction of inventories is depicted in Figure 9.

Table 17B provides a good idea of the economic health of Canadian farm machinery dealers since 1960. Net after-tax profits on both sales and net worth show the strength of the dealers during the periods in which machinery sales were growing in the 1960s and 1970s. Similarly, the declining sales of 1968, 1969 and 1970 are clearly reflected in dealers' profits and returns.

SECTION III - STATISTICS RELATING TO THE CANADIAN AGRICULTURAL IMPLEMENT MANUFACTURING INDUSTRY

This section examines the Canadian agricultural implement industry. Table 18 provides statistics on the number of manufacturing establishments, workers, the value added and value of shipments for 1960 through 1975. Table 19 shows the industry's monthly inventories, annual shipments and the ratio of shipments to average monthly inventories from 1962 to 1976. Table 20 describes selected characteristics of various-sized establishments in the industry. Table 21 shows how the industry's production and employment is concentrated in establishments of specified sizes. Tables 22 and 23 give the geographical distribution of the industry across Canada for 1960-75. Tables 24 and 25 indicate the major products of the industry and Table 26 provides statistics on foreign ownership. Table 27 shows the productivity changes in the industry between 1960 and 1975. Finally, Tables 28 and 29 give crude comparisons of U.S. and Canadian production and productivity in the agricultural implement manufacturing industry.

Highlights

Data in Table 18 indicate that the value of farm implements manufactured in Canada has grown since 1961. In that year, \$117 million of farm implements were produced. By 1975, shipments had increased to \$607 million. Deflated by the 1961-based agricultural implement industry selling price index, the 1975 value was \$289 million, an increase of 166 percent over the 1961 level.

The growth in the industry over this period has not been steady. Implement shipments peaked in 1966, declined sporadically until 1970 and then climbed again from 1971 through 1975. This pattern is similar to the pattern of retail sales of agricultural machinery in Canada even though most of Canada's production is shipped to the U.S. market.

Table 19 shows that, from 1962 through 1976, manufacturers' inventory levels have also varied. They fluctuated in the opposite direction to retail sales and manufacturers' shipments on a seasonal basis but moved coincidentally with them on an annual basis (Tables 14 and 19). Seasonally, inventory levels always declined during the summer months. On an annual basis the 12-month average of monthly inventories (in current dollars) increased steadily from 1962 through 1967, levelled off from 1968 through 1971 and climbed again through 1976 (Table 19). In deflated dollars, manufacturers' inventories actually declined from 1968 to 1971. This reflected the industry's response to falling sales and shipments during that period; it also resulted in inventory shortages in the early 1970s when sales grew rapidly in a revitalized North American agricultural machinery market. As the demand strengthened, the industry attempted to keep inventories in line with sales, and physical inventory levels grew through 1976 when they were about 43 percent higher than in 1971.

Inventory turnover ratios also reflect the industry's uneven growth from 1961 through 1976 (Table 19). Although the ratios in Table 19 are only crude indicators of the number of times the industry turned its inventories over each year, they provide a good basis for inter-year comparisons of business activity. In this vein, the ratios grew steadily from 1962 to 1966, decreased until 1970 and then climbed again through 1976.

As was the case for farm output prices, gross farm income for all Canada increased only slowly (and sporadically) until the early 1970s. In 1967 it was not even double the average of the first half of the 1950s. In the early 1970s, however, gross income climbed so rapidly that by 1975 it was more than twice the 1971 level.

Over the entire 27-year period, gross farm income increased an average of 4.7 percent a year. It grew least in the Maritimes (2.0 to 4.0 percent a year) and most in British Columbia (5.7 percent) and Alberta (5.0 percent). Saskatchewan and Manitoba incomes were the most variable in Canada over the period since their agricultural production suffered most from wide fluctuations in yields or market conditions or both.

Although gross farm income has grown rapidly over the past 27 years, operating and depreciation expenses have risen even faster. They increased at an average annual rate of 5.8 percent in Canada. In contrast with the regional growth pattern of gross farm income, the average annual increases of operating and depreciation expenses as a percent of gross farm income were smallest in Saskatchewan (0.68 percent), Manitoba (0.75 percent) and Ontario (1.04 percent). The three provinces with the highest ratio of expenses to income in the early 1950s were Ontario, New Brunswick and Prince Edward Island (55 - 59 percent). These ratios contrast sharply with Saskatchewan's and Alberta's 40 - 50 percent. By the mid-1970s Nova Scotia, Prince Edward Island and Quebec had the highest ratios (78 - 85 percent) while the Prairie Provinces had the lowest (50 - 68 percent).

Table 3 contains data on operating and depreciation expenses, as brought forward from Table 2. These data are included for comparisons with farm machinery costs. Other columns in this table show relationships between machinery costs, sales of farm machinery and crop and summerfallow acreages. There are tables for Canada and nine provinces.

Total machinery costs as a percentage of farm operating and depreciation expenses decreased in Canada from an average of 33 percent in the 1950-61 period to an average of less than 30 percent in the post-1961 period. Quebec, New Brunswick and Prince Edward Island were the only provinces in which machinery costs increased relative to total farm operating and depreciation costs between the 1950s and the 1960s and 1970s.

The ratio between machinery depreciation costs and sales, expressed as a percentage in Table 3, gives a clear indication of the cyclical fluctuations of machinery stocks on farms in Canada over time. The more machinery stocks depreciate relative to new machinery sales to farmers, the higher the ratio. When the ratio in any year exceeds 100 percent, it means that the value of machinery on farms has declined from the previous year's level. Thus the data show that farmers were building on their machinery base in 13 out of 27 years from 1950 through 1976. This observation is borne out by the data on deflated values of machinery stocks on farms (Table 6), although differences in concepts underlying sales data, price indexes and depreciation values prevent a perfect match.

The depreciation-sales ratios also give useful information on the amount by which sales in any year failed to meet or exceed the level necessary to maintain machinery stocks on farms at the previous year's level. For example, in 1950, 34 percent of sales in Canada went towards increasing the machinery stock. In 1970, the year in which machinery sales were farthest from the "replacement" level, sales would have had to have been 46.9 percent higher just to maintain the machinery stock at the 1969 level.

Table 4 lists sales of farm implements and repair parts and farm cash receipts for Canada and nine provinces from 1950 to 1976. Farm cash receipts are included since there is a strong statistical relationship over time between farm cash receipts and sales of farm equipment.

Table 5A gives the values of farm machinery on farms in Canada and nine provinces from 1950 to date (in current dollars). The data show that the total value of farm machinery on Canadian farms increased 4.4 times over the 26-year period. Machinery stocks in Alberta, Saskatchewan, New Brunswick and British Columbia increased more than the national average. The largest relative increase in machinery on farms occurred in British Columbia where the value in 1976 was 5.4 times that in 1950. Its share of machinery on farms rose from 3 percent of the Canadian total in 1950 to 4 percent in 1976. In 1976 Saskatchewan had 27 percent of the machinery on farms in Canada, Ontario and Alberta 22 percent, Quebec 11 percent and Manitoba 10 percent. The Maritime Provinces accounted for 3 percent, a drop of one percent from 1950.

Table 5B lists the per acre value of farm machinery on farms for Canada and nine provinces. This table indicates that Nova Scotia had the highest value of farm machinery per acre in 1976, \$328. New Brunswick and British Columbia also had high levels, \$245 and \$269 per acre. Ontario, Quebec and P.E.I. per acre values ranged from \$188 to \$212. Only the Prairies had average values of less than \$100; Alberta had \$66, Manitoba \$64 and Saskatchewan \$45.

Table 6 presents deflated values of farm output and expenses for Canada and nine provinces. The values are computed by deflating the data in Tables 2, 3, 4 and 5 by the price indexes in Table 1. (See footnotes following Table 6I.) The effects of price increases have been removed from these figures to reflect physical changes in the machinery stocks on farms, farm income and expenses.

The value of farm machinery per agricultural worker is one indication of the degree of mechanization on farms (Table 6B). This value has almost tripled since 1950, partly because of the 36-percent increase in the real value of machinery on farms over the period, and partly to the decrease in the number of farm laborers.

SECTION II - STATISTICS RELATING TO THE SALE OF FARM MACHINERY IN CANADA

This section presents data on sales of farm equipment and repair parts in Canada from 1960 to 1976. Unit and dollar sales of selected items are listed for Canada and five regions. Dollar values of monthly repair parts and machinery sales and dealers' inventories are also provided.

Highlights

Tractors represent about 30 percent of farm equipment sales (including repair parts) in Canada. The second largest category of sales is repair parts, which ranged from a low of 12.5 percent of total sales in 1967 to a high of 19.1 percent in 1971 (Table 8A). The importance of repair part sales as a component of total machinery sales grows during years of low net farm income. Examples of this phenomenon occurred in 1961 and 1971.

Table 9 lists unit sales of selected farm machinery in Canada. Combines, hay balers, swathers and moldboard plows are included. Unit sales of these items declined over the 16-year period, except for swathers which increased from 5,000 units in 1960 to over 10,000 in 1976. Also of note is the recent increase in pull-type combine sales since 1970.

Table 10 gives annual unit tractor sales in Canada from 1960 to 1976. The total number of tractors sold increased from 25,000 in 1960 to over 32,800 in 1976. Sales of tractors with engines under 40 hp decreased from 19,000 in 1960 to 2,100 in 1976. At the other end of the size scale, four-wheel-drive tractor sales increased from 60 in 1971 to 3,200 in 1976. This increasing importance of larger-sized tractors in Canada is illustrated in Table 11, which shows the percentage distribution of unit sales by size category from 1960 to 1976.

Table 12 has the regional percentage distribution of unit sales of wheel tractors by engine size. This table shows the regional shifts in sales of different-sized tractors. Ontario's unit sales of tractors with under 80 hp historically account for the greatest share of Canadian sales of this size tractor. The Prairies are traditionally the largest consumer of tractors of 80 hp and over. They accounted for 95 percent of total sales in 1964 (the first year for which statistics are available) and 70 percent in 1976.

Table 13 provides the regional distribution of large (100 hp and over) wheeled tractor sales by type for 1973-75. It shows that most of these larger tractors are sold in the Prairies. This region accounts for 76 percent of the two-wheel-drive tractors with 100-139 hp and 95 percent of the four-wheel drive with 170 hp and over.

Tables 14, 15 and 16 list monthly sales of farm machinery and repair parts in Canada. The most striking feature of these sales is their seasonal nature which is clearly demonstrated in Figure 9.

Table 17A shows dealer inventories of farm machinery. The feature of interest in this table is the build-up of inventories in the late 1960s and the subsequent decrease in the early 1970s, reflecting the lagged response of the industry to market demand conditions. This expansion and contraction of inventories is depicted in Figure 9.

Table 17B provides a good idea of the economic health of Canadian farm machinery dealers since 1960. Net after-tax profits on both sales and net worth show the strength of the dealers during the periods in which machinery sales were growing in the 1960s and 1970s. Similarly, the declining sales of 1968, 1969 and 1970 are clearly reflected in dealers' profits and returns.

SECTION III - STATISTICS RELATING TO THE CANADIAN AGRICULTURAL IMPLEMENT MANUFACTURING INDUSTRY

This section examines the Canadian agricultural implement industry. Table 18 provides statistics on the number of manufacturing establishments, workers, the value added and value of shipments for 1960 through 1975. Table 19 shows the industry's monthly inventories, annual shipments and the ratio of shipments to average monthly inventories from 1962 to 1976. Table 20 describes selected characteristics of various-sized establishments in the industry. Table 21 shows how the industry's production and employment is concentrated in establishments of specified sizes. Tables 22 and 23 give the geographical distribution of the industry across Canada for 1960-75. Tables 24 and 25 indicate the major products of the industry and Table 26 provides statistics on foreign ownership. Table 27 shows the productivity changes in the industry between 1960 and 1975. Finally, Tables 28 and 29 give crude comparisons of U.S. and Canadian production and productivity in the agricultural implement manufacturing industry.

Highlights

Data in Table 18 indicate that the value of farm implements manufactured in Canada has grown since 1961. In that year, \$117 million of farm implements were produced. By 1975, shipments had increased to \$607 million. Deflated by the 1961-based agricultural implement industry selling price index, the 1975 value was \$289 million, an increase of 166 percent over the 1961 level.

The growth in the industry over this period has not been steady. Implement shipments peaked in 1966, declined sporadically until 1970 and then climbed again from 1971 through 1975. This pattern is similar to the pattern of retail sales of agricultural machinery in Canada even though most of Canada's production is shipped to the U.S. market.

Table 19 shows that, from 1962 through 1976, manufacturers' inventory levels have also varied. They fluctuated in the opposite direction to retail sales and manufacturers' shipments on a seasonal basis but moved coincidentally with them on an annual basis (Tables 14 and 19). Seasonally, inventory levels always declined during the summer months. On an annual basis the 12-month average of monthly inventories (in current dollars) increased steadily from 1962 through 1967, levelled off from 1968 through 1971 and climbed again through 1976 (Table 19). In deflated dollars, manufacturers' inventories actually declined from 1968 to 1971. This reflected the industry's response to falling sales and shipments during that period; it also resulted in inventory shortages in the early 1970s when sales grew rapidly in a revitalized North American agricultural machinery market. As the demand strengthened, the industry attempted to keep inventories in line with sales, and physical inventory levels grew through 1976 when they were about 43 percent higher than in 1971.

Inventory turnover ratios also reflect the industry's uneven growth from 1961 through 1976 (Table 19). Although the ratios in Table 19 are only crude indicators of the number of times the industry turned its inventories over each year, they provide a good basis for inter-year comparisons of business activity. In this vein, the ratios grew steadily from 1962 to 1966, decreased until 1970 and then climbed again through 1976.

Tables 20 and 21 reveal that despite the fluctuations in annual shipments and growth in the industry, the concentration of manufacturing in large-sized plants has not changed significantly since 1961. Although only 6 percent of the establishments had over 500 employees during 1961-1975, they accounted for between 61 and 75 percent of the "value added" by all agricultural implement manufacturers in Canada. Conversely, 75 percent of the establishments had fewer than 50 employees and accounted for less than 11 percent of the value added by the industry over the same period.

Table 23 shows that the regional distribution of manufacturing establishments has changed since 1961. Although Ontario has maintained its position as the manufacturing center of the industry, it accounted for only 63 percent of the value added in 1975, compared with 88 percent in 1961. Manitoba and Saskatchewan can be credited with most of the shift in distribution. Their share of the total value added by the industry in Canada rose from 7 percent in 1961 to 31 percent in 1975.

Tables 24 and 25 indicate that there has been a shift in product specialization in the Canadian farm implement manufacturing industry since 1960. The relative importance of ploughs, planting, seeding and fertilizing machinery, haying equipment, combines and swathers has declined since 1960. The value of tractors (hidden in the "other machines" category because of confidentiality restrictions) has recently gained an important position in manufacturing in Canada.

Table 26 illustrates another aspect of the industry that has changed significantly in Canada between 1968 and 1974. This is the amount of foreign ownership and control in the industry. Canadian ownership of long-term capital employed in the industry fell from 42 percent in 1968 to 32 percent in 1973 and then rose to 36 percent in 1975. Canadian control of these firms, as indicated by the voting shares held by Canadians, fell even more, from 53 percent in 1968 to 37 percent in 1974.

Table 27A indicates that labor productivity in the industry also changed during the 1960s and first half of the 1970s. Measured as value added per production worker and man hour paid, it has grown steadily with only a few minor fluctuations. When the value added by manufacturing is deflated to 1961 dollars, using the agricultural implement manufacturing selling price index as a deflator, it appears that productivity rose 60 to 80 percent between 1960 and 1975. And it seems that smaller plants with 50 to 199 employees have been more productive than larger establishments in many years during the period.

Table 27B shows the general economic health of corporations engaged primarily in farm machinery manufacturing between 1960 and 1975. Unlike the industry's labor productivity, profits have fluctuated considerably since 1960, closely following trends in machinery sales. The profitability of the mid-1960s and 1970s and the unprofitability of the 1969-71 period are evident from the data series.

Tables 28 and 29 provide a basis for making crude comparisons of the productivity of Canadian and U.S. production workers in the agricultural implement industry. The data in these tables support the assertion that Canadians employed in this industry are less productive than U.S. workers. Over the 1960-75 period, the value added per man hour in Canada ranged between 67 and 89 percent of what it was in the United States. Some of the annual variability might be explained by the fluctuations in demand for the different products comprising important parts of each country's production; some might be explained by changes in accounting and reporting procedures of major companies. Similarly, part of the lower productivity in Canada might be explained by the different product mixes in the two countries. But there are probably many other reasons for the differences in productivity; some of these are referenced in Table 29, Footnote a.

SECTION IV - STATISTICS ON CANADA'S TRADE IN FARM MACHINERY

This section deals with imports and exports of farm machinery by commodities and by countries of destination and origin.

Table 30 shows relationships between exports and imports and domestic production. Imports are listed in Tables 31 to 35 and exports in Tables 36 to 40. Tables 41 and 42 show the Canadian net trade balance by type of machine.

Highlights

Tables 30A and 30B illustrate the relative changes in farm machinery production, imports and exports in Canada and North America since 1950 in current dollars. Domestic production almost doubled between 1950 and 1972, and then almost tripled in the next three years. Exports doubled between 1950 and 1966, remained steady until 1971, then tripled by 1975. Imports, which are much larger than production and exports, followed the export pattern until 1967, fell to \$260 million in 1970 and almost tripled in the inflationary years 1972 through 1975.

Between 1950 and 1975, an average of 80 percent of farm machinery sold in Canada was imported (Table 30B), and during that period the ratio grew 16 percent (calculated using ordinary least squares regression). Thus the importance of domestic production in the domestic market decreased and Canadian producers increased the proportion of their production devoted to exports 40 percent. The result was that between 1970 and 1975, manufacturers exported an average of 76 percent of their production and captured only 15 percent of domestic farm machinery sales.

In a North American context, Canadian farm machinery manufacturers maintained their share of production between 1950 and 1974. Their share ranged between 4.8 and 9.4 percent and averaged 6.5 percent over the period (Table 30B). The annual fluctuations of their share were generally not linked to the total volume of production on the continent but could have been caused partly by changing product mixes. They might also have been affected by attempts of some companies

to increase their market penetration for specific products. Finally, they might have stemmed partially from changes in production capacities of Canada and the United States. Perhaps the low production share held by Canadian manufacturers during the 1960s and the subsequent recovery in the 1970s is a reflection of this phenomenon.

Table 31A gives details of Canadian imports of farm machinery by commodity from 1960 to 1976. Tractor imports accounted for over 50 percent of the total dollar value in all years. Hay and harvesting equipment (including combines) was the second most important category.

Table 31B illustrates the variability and size of unit imports of combines and tractors. Combine imports almost doubled between 1960 to 1966 but by 1970 they had decreased to one seventh of the 1966 unit volume. It was not until 1976 that they reached the 1960 level again. Tractor imports exceeded 29,000 units every year between 1960 and 1967 and peaked at over 37,000 units in 1963. However, for five years (from 1968 through 1972) imports were below 26,000 units, hitting a low of 14,000 in 1970 concurrent with the low point in domestic machinery sales. Then with the rapid expansion of domestic sales, tractor imports rose above 41,000 units in 1976. (See qualifying note in Table 31B.)

Tables 32 and 35 show that the United States is Canada's primary source of farm machinery. Imports of specific types of farm machinery from the United States accounted for 73 to 99 percent of Canada's total imports, depending on the commodity. Most of the remaining machinery imports were from the EEC, the United Kingdom, Japan and the U.S.S.R.

Tables 36 to 38 illustrate the composition of Canada's farm machinery exports. Table 36A shows that hay and harvesting machinery account for almost half of Canada's exports. Combine exports are a major reason for this situation. With exports, as with imports, the United States is Canada's chief trading partner and received an average of 93 percent of our exports between 1960 and 1976 (Tables 37 and 38). Australia, South Africa, the EEC and Mexico have been small but consistent buyers (Table 40).

Tables 41 and 42 provide a picture of the fluctuations of Canada's trade balance in farm machinery. The Canadian net trade deficit in farm machinery reached \$638.8 million in 1976, more than four times the deficit of \$138.9 million in 1960 and over six times the low of 1970. Trade in combines showed a surplus every year from 1960 to 1976. Trade in tractors and tractor parts has been the main cause of Canada's large trade deficit in farm machinery. From 1970 to 1973, the deficit in tractors and parts trade alone was greater than the deficit in Canada's total trade in farm machinery.

SECTION V - STATISTICS RELATING TO THE U.S. FARM MACHINERY INDUSTRY AND MARKET

Canada's major trading partner in farm machinery is the United States. Therefore, the U.S. farm machinery market and industry have a large influence over the supply of machinery in Canada and the demand for Canadian products in the United States. This section provides some statistics related to the demand for and supply of farm machinery in the United States.

Tables 43 to 45 describe the structure of the U.S. industry. Tables 46 to 48 show historical series on sales, inventories and prices at the retail and wholesale levels. Tables 49A and 49B give information on the profits, inventories and expenses of U.S. farm machinery retail dealers.

Highlights

Tables 43 and 44 provide data on the structure of the U.S. farm machinery industry in 1972. Since the classification of the industry was changed in 1972, previous years' data are not comparable. Therefore, no time trends are available for the United States.

Perhaps the most interesting feature revealed by these tables is the proportion of output accounted for by large establishments. Except for the fact that firms are much larger in the United States than in Canada, the distribution of production among firms of various sizes is similar in both countries. For example, the relative contributions to total output by establishments with 1-49, 50 to 99, 100 to 499 and 500 and more employees are almost identical in both countries.

Table 45 provides an historical series on the output and inventories of the U.S. farm machinery industry. It indicates that the industry maintained its factory inventories at 20-25 percent of the value of its shipments over time and turned these inventories over an average of 4.2 times a year between 1960 and 1974. It also shows that only minor inventory depletion and growth occurred as the market for machinery changed and these fluctuations were similar to those that occurred in Canada.

Table 46 illustrates unit retail sales of specific types of machinery since 1962. As in Canada, two sales peaks are clearly indicated for all types of machinery. One was in the mid-1960s and the other in the early 1970s. The gradual decline in sales of small tractors, conventional balers and pull type combines is also evident.

Large tractors, with engines of 80 hp and over, have grown in popularity, as they have in Canada, accounting for 22 percent of unit sales in 1964 and 54 percent in 1976.

The figures on unit factory and dealer inventories shown in Table 47 are incomplete; however, they clearly indicate the heavy inventory reductions that occurred up to 1973, and the low inventories that helped to cause price escalations in 1973, 1974 and 1975.

Based on price indexes in Table 48, it is evident that U.S. wholesale prices of "all agricultural machinery" increased at about the same rate as Canadian retail prices of "all farm machinery" between 1965 and 1976 (adjusting for exchange rate differentials). It is equally apparent that U.S. wholesale prices of specific types of machines rose more than did comparable Canadian retail prices (Table 1) and that U.S. retail prices increased much more than did either U.S. wholesale or Canadian retail prices. The reasons for the differences among price increases are not clear, but it could be due to specifications underlying the indexes as well as to actual price differences.

Tables 49A and 49B give statistics that indicate the economic health of farm machinery dealers in the United States. These statistics also include information from some dealers in Western Canada. Although the data differ slightly from the Canadian data presented in Table 17B (See footnotes for Table 17B.), they provide a basis for comparing historical trends. They also give more details on the gross margins dealers obtain on different parts of their operations than available Canadian data do.

Table 49A shows that dealers' margins on repair parts are two-to-three times larger than the total margin for new and used machines. It also illustrates the tendency of dealers to increase their total margins on new and used machines during years in which the demand for machinery is high and inventories low; this is especially evident in the 1973 and 1974 margins. Finally, the table demonstrates that between 1960 and 1976 dealers have changed their approach towards handling used machinery. In the early 1960s, dealers were allowing farmers more on trade-ins than their resale values warranted. Consequently, dealers suffered apparent losses on used machinery sales while reaping seemingly handsome profits on new machinery. In contrast, since 1960, as dealers gave farmers more realistic prices for their trade-ins, margins on new machinery fell while those on used machinery rose to accommodate the new approach. Meanwhile, the total margin on new and used machinery, which is the true reflection of dealers' margins on this operation, changed only in response to overall farm machinery market conditions.

Table 49B illustrates the inventory and asset turnover ratios of farm machinery dealers. The ratios are somewhat lower than those shown for Canadian dealers in Table 17A, possibly because of data differences. However, the high turnover during periods of strong demand are apparent in the statistics in both tables.

Table 49B also presents U.S. dealers' before-tax profits on total assets and net worth. The high rates of net profit during the 1973 to 1976 period reflect the unusually large sales during the period as well as the larger profits dealers made at that time. The trends are similar to those found in the Canadian data on returns on net worth (Table 17B).

SUMMARY

This report was designed to provide a compendium of historical data useful to those interested in farm machinery demand, sales, production and trade in Canada. The foregoing highlights point out some of the more outstanding trends, anomalies and relationships evident in the data presented in the subsequent tables and figures. The report was meant to be descriptive only. No analysis of the causes or consequences of trends or relationships which might appear in the data was intended. Any comments on the usefulness of the report and suggestions about the necessity of expanding, contracting or not producing future updated versions are welcome.

SECTION I

STATISTICS RELATING TO THE DEMAND FOR FARM MACHINERY IN CANADA

TABLE 1A. CANADA, SELECTED PRICE INDEXES INCLUDING FARM MACHINERY PRICE INDEXES, 1950-76

Year	General Wholesale Price Index (a)*	Farm Output Price Index (b)	Farm Input Price Index (c)	Total Farm Machinery (c)	Power Machinery (c)	Tractors (c)	Combines (c)	Non-Power Machinery (c)	Balers (c)	Ploughs (c)	Machine Operating Expenses (c)
1950	90.5	101.0	74.6	63.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1951	103.0	115.0	81.5	71.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1952	96.9	106.3	86.2	75.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1953	94.6	97.0	85.0	75.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1954	93.0	91.7	84.1	75.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1955	93.8	90.1	84.5	76.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1956	96.7	90.9	87.8	80.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1957	97.5	91.2	90.7	85.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1958	97.6	95.2	92.1	90.8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1959	98.8	95.2	95.5	95.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1960	99.0	96.1	98.1	97.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1961	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1962	102.9	104.3	105.2	103.8	104.8	105.2	104.0	102.7	101.9	103.4	100.2
1963	104.8	102.9	108.0	107.6	109.0	109.4	108.2	105.9	104.2	106.6	100.8
1964	105.2	101.3	108.6	111.2	113.6	114.5	111.6	108.5	105.2	111.0	103.0
1965	107.3	107.8	112.0	114.4	117.6	118.1	116.4	111.0	106.2	113.9	104.1
1966	112.2	117.0	118.6	119.3	123.2	123.3	123.0	115.0	108.5	117.6	107.4
1967	113.2	116.0	121.5	123.3	127.2	128.0	125.4	119.1	111.6	123.2	111.2
1968	115.7	114.0	124.9	127.0	130.8	131.7	128.9	122.9	115.8	128.0	115.6
1969	121.1	115.8	129.1	130.6	134.4	134.9	133.3	126.4	119.0	133.2	119.4
1970	122.8	116.0	131.3	134.0	137.3	137.9	136.2	130.4	122.2	137.3	122.3
1971	124.3	117.2	135.4	137.2	140.5	141.5	138.2	133.7	124.8	141.4	126.8
1972	133.0	132.9	143.3	141.4	144.8	146.0	142.2	137.8	128.7	146.1	132.6
1973	161.6	191.9	166.7	145.8	149.0	149.9	146.8	142.3	133.0	150.8	137.7
1974	197.7	229.6	194.8	162.7	167.5	169.0	164.1	157.8	148.1	167.3	153.8
1975	210.6	231.6	219.0	189.2	196.1	197.4	193.3	181.8	171.8	193.5	178.5
1976	219.5	223.9	232.2	202.9	211.3	211.8	210.0	193.9	183.6	204.1	199.8

*See footnotes and sources at the end of the table.

TABLE 1B. WESTERN CANADA, SELECTED FARM INPUT AND OUTPUT PRICE INDEXES, 1950-76

Year	Farm Output Price Index (b)*	Farm Input Price Index (c)	Total Farm Machinery (c)	Power Machinery (c)	Tractors (c)	Combines (c)	Non-Power Machinery (c)	Balers (c)	Ploughs (c)	Machine Operating Expenses (c)
1950	101.9	74.5	63.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1951	112.0	81.2	72.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1952	100.7	85.9	75.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1953	93.5	85.4	76.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1954	86.6	84.8	76.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1955	84.4	84.5	76.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1956	85.7	87.6	80.8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1957	84.4	90.4	86.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1958	89.1	92.7	90.8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1959	90.5	95.7	95.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1960	91.6	98.2	97.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1961	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1962	106.3	107.2	104.3	104.9	105.4	104.2	103.4	101.9	103.9	100.3
1963	103.7	110.6	108.1	109.3	109.9	108.4	106.4	104.4	107.2	101.4
1964	101.2	110.3	112.2	114.3	116.0	111.6	109.3	105.9	111.8	102.9
1965	104.1	114.1	115.6	118.4	119.8	116.1	111.8	106.8	115.2	103.3
1966	111.9	120.6	120.6	124.2	125.1	123.0	115.5	108.0	118.0	105.6
1967	110.2	121.6	124.6	128.4	130.8	125.1	119.0	110.0	124.0	109.2
1968	105.5	125.6	128.2	132.2	134.6	128.8	122.5	114.4	129.0	114.5
1969	105.9	130.2	132.0	136.6	139.0	133.2	125.6	117.0	134.5	117.9
1970	105.2	131.0	135.5	140.1	142.8	136.1	129.1	120.2	138.4	120.2
1971	104.9	135.9	138.2	143.0	146.4	137.8	131.6	122.6	140.5	124.1
1972	121.4	145.2	142.0	147.0	150.5	141.8	135.2	126.4	144.4	128.3
1973	190.1	162.9	145.8	150.7	153.6	146.1	139.2	130.2	148.3	133.9
1974	238.6	190.7	162.9	169.1	173.0	163.3	154.4	144.7	164.8	148.0
1975	227.2	224.6	190.3	198.6	202.5	192.5	179.0	168.1	191.6	174.1
1976	205.1	238.4	205.0	215.6	220.1	208.7	190.4	177.8	202.8	195.9

*See footnotes and sources at the end of the table.

TABLE 1C. EASTERN CANADA, SELECTED FARM INPUT AND OUTPUT PRICE INDEXES, 1950-76(a)*

Year	Farm Output Price Index (b)	Farm Input Price Index (c)	Total Farm Machinery (c)	Power Machinery (c)	Tractors (c)	Combines (c)	Non-Power Machinery (c)	Balers (c)	Ploughs (c)	Machinery Operating Expenses (c)
1950	98.6	74.6	62.2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1951	116.6	81.9	70.4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1952	111.0	86.4	73.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1953	99.9	84.6	73.8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1954	96.4	83.4	73.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1955	95.5	84.4	74.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1956	95.7	87.9	79.2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1957	96.9	91.1	85.4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1958	100.9	91.6	90.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1959	100.7	95.6	95.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1960	101.6	97.9	97.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1961	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1962	101.9	103.4	103.1	104.6	104.8	103.2	102.0	101.8	102.8	100.1
1963	100.5	105.7	106.8	108.5	108.7	107.5	105.4	104.0	105.9	99.7
1964	101.4	107.0	109.6	112.2	112.3	111.5	107.6	104.6	109.7	103.4
1965	112.3	110.2	112.6	116.0	115.7	118.0	110.1	105.8	112.1	105.6
1966	122.9	116.9	117.4	121.1	120.8	123.0	114.6	109.0	117.1	110.8
1967	122.8	121.4	121.5	124.6	124.1	127.3	119.2	113.2	122.1	115.2
1968	124.0	124.3	125.2	127.8	127.5	129.6	123.4	117.0	126.7	117.8
1969	129.9	128.1	128.4	129.7	129.0	133.6	127.4	120.9	131.2	122.5
1970	129.0	131.4	131.9	131.8	130.9	137.1	131.9	124.2	135.7	126.4
1971	131.8	135.8	135.7	135.2	134.5	140.1	136.0	127.1	142.6	132.0
1972	146.5	141.7	140.6	140.3	139.6	144.6	140.7	131.0	148.4	134.2
1973	193.9	170.1	145.7	145.6	144.7	151.0	145.7	135.8	154.3	141.9
1974	218.6	199.1	162.5	164.1	163.3	169.0	161.5	151.5	171.6	163.1
1975	236.4	214.2	187.5	191.2	190.0	198.0	184.8	175.5	196.1	187.0
1976	246.2	226.4	199.7	202.4	200.1	217.2	197.7	189.4	206.1	207.2

*See footnotes and sources at the end of the table.

FOOTNOTES FOR TABLES 1A TO C

(a) Farm output and input price indexes for 1950 to 1960 are based on the 1935-39 = 100 base, converted to 1961 = 100. They are not exactly comparable with the subsequent indexes of the 1961 = 100 base because of the following:

- the 1961=100 index (revised price index) incorporates an updated weighting,
- the revised price index is based on a larger sample than the previous index and
- there are more items included in the revised price index, e.g., farm machinery is now broken down into component parts such as tractors, combines, etc., previously unavailable.

(b) The farm output price index is called the "Index of Farm Prices of Agricultural Products" by Statistics Canada. It is not a measure of pure price change. It is more a measure of the change in returns per unit of product marketed. It reflects both changes in prices and products. It represents prices paid to farmers at the farm gate including premiums, bonuses and subsidies.

The indexes for "East" and "West" have been calculated by weighting the provincial indexes of farm prices of agricultural products with the average of the respective provincial gross farm incomes in 1960, 1961 and 1962. The resulting series are comparable with the published series for all Canada.

(c) The Farm Input Price Index is calculated mostly from list prices received from sampled retail outlets selling inputs to farmers. Information on farm labor and property taxes is the exception and is obtained directly from the farmer. The farm machinery price indexes reflect the prices at which machines are actually sold to farmers, not list prices. They include allowances for over- or under-valued trade-ins.

Sources: Statistics Canada, Prices and Price Indexes, Catalogue No. 62-002.
Statistics Canada, Index No. of Farm Prices of Agricultural Products, Catalogue No. 62-003.
Statistics Canada, Farm Input Price Index, Catalogue No. 62-004, and Farm Input Price Indexes 1961-1971, Catalogue No. 62-534.

TABLE 2A. CANADA, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*				Principal Crops and Summerfallow Acreage (f)	Values per Acre			
	Gross Farm Income (b)	Net Farm Income (c)	Total Cash Operating Expenses (d)	Total Depreciation (e)		Gross Farm Income	Net Farm Income	Total Cash Operating Expenses	Total Depreciation
	-	\$ 000		-	- 000 -	-	-	-	-
1950	2,565,437	1,249,254	1,096,460	219,723	81,670	31,41	15,30	13,43	2,68
1951	3,397,571	1,931,377	1,219,445	246,749	82,475	41,20	23,42	14,79	2,99
1952	3,422,746	1,880,482	1,276,951	265,313	83,341	41,07	22,56	15,33	3,18
1953	3,114,620	1,560,009	1,261,234	293,377	84,500	36,86	18,46	14,93	3,47
1954	2,538,057	980,363	1,250,642	307,052	85,328	29,74	11,49	14,65	3,60
1955	2,796,552	1,174,497	1,313,381	308,674	85,262	32,80	13,78	15,40	3,62
1956	3,055,008	1,315,931	1,425,766	313,311	84,248	36,26	15,62	16,92	3,72
1957	2,730,173	993,943	1,407,262	328,968	84,387	32,35	11,78	16,68	3,89
1958	3,113,013	1,262,940	1,504,281	345,792	85,571	36,38	14,76	17,58	4,04
1959	3,058,835	1,097,819	1,600,681	360,335	85,912	35,60	12,78	18,63	4,19
1960	3,231,776	1,195,848	1,662,656	373,272	87,035	37,13	13,74	19,10	4,29
1961	3,004,108	925,823	1,698,139	380,146	86,134	34,88	10,75	19,71	4,41
1962	3,732,790	1,524,427	1,814,442	393,921	88,507	42,18	17,22	20,50	4,45
1963	3,882,904	1,516,129	1,950,122	416,653	89,288	43,49	16,98	21,84	4,67
1964	3,801,084	1,281,645	2,068,467	450,972	89,504	42,47	14,32	23,11	5,04
1965	4,291,225	1,564,147	2,233,662	493,416	90,842	47,24	17,22	24,59	5,43
1966	4,930,046	1,915,899	2,471,892	542,255	91,931	53,63	20,84	26,89	5,90
1967	4,718,243	1,501,070	2,627,551	589,622	91,961	51,31	16,32	28,57	6,41
1968	5,142,815	1,813,080	2,697,299	632,436	92,522	55,58	19,60	29,15	6,83
1969	5,109,074	1,700,595	2,759,824	648,655	92,485	55,24	18,39	29,84	7,01
1970	4,876,841	1,407,868	2,811,744	657,229	92,572	52,68	15,21	30,37	7,10
1971	5,247,719	1,615,289	2,978,781	653,649	92,252	56,88	17,51	32,29	7,08
1972	5,761,805	1,874,089	3,204,619	683,097	92,690	62,16	20,22	34,57	7,37
1973	8,065,745	3,287,781	4,019,834	758,130	93,117	86,62	35,31	43,17	8,14
1974	9,662,297	3,834,851	4,935,458	891,988	92,147	104,86	41,62	53,56	9,68
1975	11,178,936	4,545,582	5,563,220	1,070,134	93,292	119,83	48,72	59,63	11,47
1976	11,303,676	4,040,328	6,035,613	1,227,735	93,962	120,30	43,00	64,23	13,07

*See footnotes and sources at the end of the table.

TABLE 2B. BRITISH COLUMBIA, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*				Principal Crops and Summerfallow Acreage (f)	Values per Acre			
	Gross Farm Income (b)	Net Farm Income (c)	Total Operating Expenses (d)	Total Depreciation (e)		Gross Farm Income	Net Farm Income	Total Operating Expenses	Total Depreciation
	-		\$000	-	- 000 -	-			-
1950	100,287	45,963	47,242	7,082	571	175.63	80.50	82.74	12.40
1951	123,073	63,368	52,092	7,613	574	214.41	110.40	90.75	13.26
1952	126,989	65,560	53,407	8,022	581	218.57	112.84	91.92	13.81
1953	130,950	67,342	54,638	8,970	585	223.85	115.11	93.40	15.33
1954	128,877	62,175	57,151	9,551	564	228.51	110.24	101.33	16.93
1955	124,640	55,999	58,493	10,148	580	214.90	96.55	100.85	17.50
1956	131,874	57,549	63,623	10,702	585	225.43	98.37	108.76	18.29
1957	134,493	59,496	63,242	11,755	597	225.28	99.66	105.93	19.69
1958	140,857	60,516	67,742	12,599	597	235.94	101.37	113.47	21.10
1959	148,737	61,649	73,503	13,585	619	240.29	99.59	118.74	21.95
1960	151,003	60,226	76,525	14,252	647	233.39	93.09	118.28	22.03
1961	159,822	60,972	84,434	14,416	671	238.18	90.87	125.83	21.48
1962	172,413	65,977	91,426	15,010	683	252.43	96.60	133.86	21.98
1963	173,660	64,898	93,355	15,407	714	243.22	90.89	130.75	21.58
1964	181,027	64,580	100,221	16,226	756	239.45	85.42	132.57	21.46
1965	189,463	62,303	109,031	18,147	778	243.53	80.08	140.14	23.33
1966	218,440	73,299	124,465	20,676	832	262.55	88.10	149.60	24.85
1967	229,976	76,494	130,971	22,511	827	278.08	92.50	158.37	27.22
1968	252,375	92,883	134,269	25,223	866	291.43	107.26	155.05	29.13
1969	251,605	77,833	146,471	27,301	874	287.88	89.05	167.59	31.24
1970	271,451	86,183	155,970	29,298	849	319.73	101.51	183.71	34.51
1971	284,179	87,256	165,318	31,605	941	302.00	92.73	175.68	33.59
1972	304,047	90,825	180,209	33,013	933	325.88	97.35	193.15	35.38
1973	412,681	149,083	226,670	36,928	976	422.83	152.75	232.24	37.24
1974	487,424	159,569	285,887	41,968	1,026	475.07	155.52	278.64	40.90
1975	536,066	172,098	314,676	49,292	1,042	514.46	165.16	301.99	47.30
1976	590,394	192,113	343,324	54,957	1,082	545.65	177.55	317.30	50.79

*See footnotes at the end of the table.

TABLE 2C. ALBERTA, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*			Principal Crops and Summerfallow Acreage (f)	Values per Acre			
	Gross Farm Income (b)	Net Farm Income (c)	Total Cash Operating Expenses (d)	Total Depreciation (e)	Gross Farm Income	Net Farm Income	Total Cash Operating Expenses	Total Depreciation
	-	\$000	-	- 000 -	-	\$	-	-
1950	405,864	192,791	167,684	45,389	20,174	20,12	9.56	8.31
1951	627,891	389,521	186,781	51,589	20,321	30.90	19.17	2.54
1952	604,079	354,591	194,357	55,137	20,496	29.47	17.30	2.69
1953	556,537	301,033	193,403	62,101	20,811	26.74	14.47	2.98
1954	427,014	179,828	183,288	63,898	21,163	20.18	8.50	3.02
1955	457,093	198,295	195,789	63,009	21,307	21.46	9.31	2.96
1956	514,115	242,999	208,186	62,930	21,051	24.42	11.54	2.99
1957	437,203	161,222	210,469	65,512	20,957	20.86	7.69	3.13
1958	540,845	246,778	224,771	69,296	21,311	25.38	11.58	3.25
1959	530,282	217,748	240,353	72,181	21,910	24.20	9.94	3.29
1960	524,460	199,388	248,644	76,428	21,890	23.96	9.11	3.49
1961	543,554	201,759	263,955	77,840	22,117	24.58	9.12	3.52
1962	647,355	280,064	285,920	81,371	22,512	28.76	12.44	3.61
1963	685,586	292,824	306,149	86,613	22,763	30.12	12.86	3.80
1964	667,674	240,875	332,200	94,599	22,722	29.38	10.60	4.16
1965	762,133	301,713	355,676	104,744	23,389	32.59	12.90	4.48
1966	874,290	366,685	391,911	115,694	23,781	36.76	15.42	4.86
1967	834,991	287,491	420,691	126,809	23,866	34.99	12.05	5.31
1968	959,148	371,909	450,343	136,896	24,244	39.56	15.34	5.65
1969	881,253	290,292	452,712	138,249	24,365	36.17	11.91	5.67
1970	844,261	248,023	456,261	139,977	24,390	34.62	10.17	5.74
1971	895,154	276,017	481,664	137,473	24,435	36.63	11.30	5.63
1972	1,031,536	366,081	523,654	141,801	24,679	41.80	14.83	5.75
1973	1,488,912	671,735	662,970	154,207	24,497	61.84	27.85	6.41
1974	1,819,188	790,799	844,602	183,787	24,017	75.74	32.93	7.65
1975	2,103,550	893,013	987,018	223,519	24,546	85.70	36.38	9.11
1976	2,072,519	722,652	1,093,881	255,986	24,610	84.21	29.36	10.40

*See footnotes at the end of the table.

TABLE 2D. SASKATCHEWAN, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*			Principal Crops and Summerfallow Acreage (f)	Values per Acre		
	Gross Farm Income (b)	Net Farm Income (c)	Total Cash Operating Expenses (d)		Gross Farm Income	Net Farm Income	Total Cash Operating Expenses
							Total Depreciation
1950	530,277	265,466	207,047	36,179	14.66	7.34	5.72
1951	823,001	531,975	224,735	36,385	22.62	14.62	6.18
1952	924,598	607,571	246,369	36,764	25.15	16.53	6.70
1953	793,944	479,314	236,431	37,489	21.18	12.79	6.31
1954	427,123	135,947	208,365	38,039	11.23	3.57	5.48
1955	637,379	326,597	229,040	38,169	16.70	8.56	6.00
1956	726,163	402,147	243,529	37,855	19.18	10.62	6.43
1957	499,084	179,206	236,701	38,239	13.05	4.69	6.19
1958	572,242	241,391	245,471	39,071	14.65	6.18	6.28
1959	574,626	230,129	256,995	38,973	14.74	5.90	6.59
1960	704,227	332,984	280,267	40,040	17.59	8.32	7.00
1961	455,674	100,284	262,823	39,392	11.57	2.55	6.67
1962	858,472	466,320	297,566	40,892	20.99	11.40	7.28
1963	985,696	551,136	332,400	41,293	23.87	13.35	8.05
1964	795,168	339,481	342,433	41,355	19.23	8.21	8.28
1965	985,518	478,895	378,854	41,910	23.52	11.43	9.04
1966	1,128,832	565,915	419,400	42,427	26.61	13.34	9.89
1967	933,417	360,679	417,166	42,644	21.89	8.46	9.78
1968	1,087,678	484,806	439,934	43,128	25.22	11.24	10.20
1969	1,059,050	451,534	447,800	43,249	24.49	10.44	10.35
1970	833,079	241,781	436,307	43,348	19.22	5.58	10.06
1971	1,100,340	477,172	475,383	43,308	25.41	11.02	10.98
1972	1,081,716	415,487	512,972	43,316	24.97	9.59	11.84
1973	1,708,016	902,886	638,083	43,508	39.26	20.75	14.66
1974	2,125,277	1,139,834	785,886	43,259	49.13	26.35	18.17
1975	2,639,550	1,504,091	889,316	43,592	60.55	34.50	20.40
1976	2,721,102	1,423,999	1,010,314	43,876	62.02	32.46	23.03

*See footnotes and sources at the end of the table.

TABLE 2E. MANITOBA, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*			Principal Crops and Summerfallow Acreage (f)	Values per Acre			
	Gross Farm Income (b)	Net Farm Income (c)	Total Operating Expenses (d)		Gross Farm Income	Net Farm Income	Total Cash Operating Expenses	Total Depreciation
	-		\$ 000	- 000 -	-	\$	-	-
1950	239,143	117,759	93,969	9,348	25.58	12.60	10.05	2.93
1951	308,836	179,875	98,043	9,787	31.56	18.38	10.02	3.16
1952	294,525	161,513	100,097	10,125	29.09	15.95	9.89	3.25
1953	248,110	113,307	98,684	10,278	24.14	11.02	9.60	3.51
1954	200,739	70,079	94,086	10,345	19.40	6.77	9.09	3.54
1955	220,452	88,367	96,577	10,361	21.28	8.53	9.32	3.43
1956	267,411	128,607	103,799	10,333	25.88	12.45	10.05	3.39
1957	210,946	72,551	102,692	10,285	20.51	7.05	9.98	3.47
1958	273,103	129,020	107,732	10,459	26.11	12.34	10.30	3.48
1959	252,113	101,546	114,067	10,389	24.27	9.77	10.98	3.51
1960	267,143	107,904	121,300	10,666	25.05	10.12	11.37	3.56
1961	212,550	53,365	120,770	10,295	20.65	5.18	11.73	3.73
1962	341,535	164,318	137,894	10,783	31.67	15.24	12.79	3.65
1963	295,068	111,706	141,440	10,929	27.00	10.22	12.94	3.84
1964	359,775	161,868	151,959	11,005	32.69	14.71	13.81	4.18
1965	385,568	172,009	162,831	11,137	34.62	15.44	14.62	4.55
1966	385,456	144,695	185,334	11,186	34.46	12.94	16.57	4.96
1967	431,180	165,051	205,426	11,149	38.67	14.80	18.43	5.44
1968	460,201	179,045	216,482	11,282	40.79	15.87	19.19	5.73
1969	405,940	134,142	207,462	11,352	35.76	11.82	18.28	5.67
1970	369,853	95,525	210,953	11,510	32.13	8.30	18.33	5.51
1971	459,981	170,992	228,035	11,643	39.51	14.69	19.58	5.24
1972	498,838	187,738	249,078	11,692	42.66	16.06	21.30	5.30
1973	752,731	374,875	310,436	11,837	63.59	31.67	26.22	5.70
1974	822,505	340,458	402,158	11,478	71.66	29.66	35.04	6.96
1975	1,004,687	431,720	475,638	11,606	86.57	37.20	40.98	8.39
1976	992,926	359,162	520,855	11,849	83.80	30.31	43.96	9.53

*See footnotes at the end of the table.

TABLE 2F. ONTARIO, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*				Principal Crops and Summerfallow Acreage (f)	Values per Acre			
	Gross Farm Income (b)	Net Farm Income (c)	Total Cash Operating Expenses (d)	Total Depreciation (e)		Gross Farm Income	Net Farm Income	Total Cash Operating Expenses	Total Depreciation
	-	-	\$000	-	- 000 -	-	-	-	-
1950	779,725	370,620	362,443	46,662	8,172	95.41	45.35	44.35	5.71
1951	910,906	448,139	410,781	51,986	8,278	110.04	54.14	49.62	6.28
1952	849,940	371,684	420,834	57,422	8,325	102.10	44.65	50.55	6.90
1953	824,308	336,487	423,887	63,934	8,377	98.40	40.17	50.60	7.63
1954	799,456	293,078	438,509	67,869	8,298	96.34	35.32	52.85	8.18
1955	790,012	266,419	452,381	71,212	8,061	98.00	33.05	56.12	8.83
1956	833,755	258,417	500,365	74,973	7,792	107.00	33.16	64.22	9.62
1957	871,085	296,356	493,922	80,807	7,816	111.45	37.92	63.19	10.34
1958	971,203	356,665	527,168	87,370	7,747	125.37	46.04	68.05	11.28
1959	941,152	281,305	566,072	93,775	7,746	121.50	36.32	73.08	12.11
1960	966,217	292,449	578,295	95,473	7,565	127.72	38.66	76.44	12.62
1961	1,012,556	307,026	607,002	98,528	7,584	133.51	40.48	80.04	12.99
1962	1,068,385	343,441	621,732	103,212	7,645	139.75	44.92	81.33	13.50
1963	1,087,930	307,500	672,829	107,601	7,660	142.03	40.14	87.84	14.05
1964	1,127,537	290,568	721,433	115,536	7,787	144.80	37.31	92.65	14.84
1965	1,230,466	335,250	771,081	124,135	7,809	157.57	42.93	98.74	15.90
1966	1,449,732	467,275	846,773	135,684	7,895	183.63	59.19	107.25	17.19
1967	1,445,828	376,279	920,015	149,534	7,880	183.48	47.75	116.75	18.98
1968	1,506,184	417,017	925,618	163,549	7,659	196.66	54.45	120.85	21.35
1969	1,581,425	448,914	955,700	176,811	7,514	210.46	59.74	127.19	23.53
1970	1,611,525	445,159	984,528	181,838	7,493	215.07	59.41	131.39	24.27
1971	1,588,904	366,431	1,034,124	188,349	7,453	213.19	49.16	138.75	25.27
1972	1,794,580	495,441	1,100,279	198,860	7,418	241.92	66.79	148.32	26.81
1973	2,314,757	717,647	1,368,870	228,240	7,583	305.26	94.64	180.52	30.10
1974	2,758,409	878,548	1,615,542	264,319	7,611	362.42	115.43	212.26	34.73
1975	3,103,785	999,222	1,795,187	309,376	7,664	404.98	130.38	234.24	40.38
1976	3,076,730	813,528	1,910,490	352,712	7,678	400.72	105.96	248.83	45.94

*See footnotes and sources at the end of the table.

TABLE 2G. QUEBEC, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*				Principal Crops and Summerfallow Acreage (f)	Values per Acre			
	Gross Farm Income (b)	Net Farm Income (c)	Total Cash Operating Expenses (d)	Total Depreciation (e)		Gross Farm Income	Net Farm Income	Total Cash Operating Expenses	Total Depreciation
	-		\$000	-	- 000 -	-			
1950	387,280	197,288	163,686	26,306	5,613	69.00	35.15	29.16	4.69
1951	463,597	248,353	186,508	28,736	5,582	83.05	44.49	33.41	5.15
1952	461,588	233,613	196,967	31,008	5,543	83.27	42.15	35.53	5.59
1953	428,424	204,691	190,487	33,246	5,485	78.11	37.32	34.73	6.06
1954	424,012	183,745	205,171	35,096	5,459	77.67	33.66	37.58	6.43
1955	435,096	184,520	214,789	35,787	5,354	81.27	34.46	40.12	6.68
1956	443,900	169,964	236,281	37,655	5,240	84.71	32.44	45.09	7.19
1957	445,904	173,253	232,751	39,900	5,163	86.37	33.56	45.08	7.73
1958	482,100	179,437	260,218	42,445	5,102	94.49	35.17	51.00	8.32
1959	480,584	161,283	274,979	44,322	5,046	95.24	31.96	54.50	8.79
1960	477,442	150,044	281,687	45,711	5,045	94.64	29.74	55.84	9.06
1961	488,595	161,876	280,640	46,079	4,936	98.99	32.80	56.86	9.34
1962	514,972	168,291	298,953	47,728	4,887	105.38	34.44	61.17	9.77
1963	520,767	151,156	319,573	50,038	4,848	107.42	31.18	65.92	10.32
1964	524,031	139,169	332,770	52,092	4,818	108.77	28.89	69.07	10.81
1965	570,001	158,472	357,509	54,020	4,759	119.77	33.30	75.12	11.35
1966	697,853	243,295	398,201	56,357	4,748	146.98	51.24	83.87	11.87
1967	689,450	202,591	428,151	58,708	4,566	150.99	44.37	93.77	12.86
1968	712,251	226,733	423,281	62,237	4,355	163.55	52.06	97.19	14.29
1969	752,304	248,992	438,719	64,593	4,181	179.93	59.55	104.93	15.45
1970	755,770	232,689	453,546	69,535	4,090	184.78	56.89	110.89	17.00
1971	747,342	201,407	476,799	69,136	3,940	189.68	51.12	121.02	17.55
1972	854,208	265,796	513,669	74,743	3,863	221.13	68.81	132.97	19.35
1973	1,109,298	367,477	658,941	82,880	3,910	283.71	93.98	168.53	21.20
1974	1,305,553	397,808	810,348	97,397	3,941	331.27	100.94	205.62	24.71
1975	1,480,686	474,799	890,457	115,430	3,991	371.01	118.97	223.12	28.92
1976	1,458,668	388,298	938,267	132,103	4,006	364.12	96.93	234.22	32.98

*See footnotes and sources at the end of the table.

TABLE 2H. NEW BRUNSWICK, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*			Principal Crops and Summerfallow Acreage (f)	Values per Acre			
	Gross Farm Income (b)	Net Farm Income (c)	Total Cash Operating Expenses (d)		Gross Farm Income	Net Farm Income	Total Cash Operating Expenses	Total Depreciation
	-	-	\$000	- 000 -	-	-	-	-
1950	52,337	26,784	21,970	720	72.69	37.20	30.51	4.98
1951	56,881	28,330	24,794	690	82.44	41.06	35.93	5.45
1952	64,245	33,957	26,338	667	96.32	50.91	39.49	5.92
1953	51,649	21,674	25,795	651	79.46	33.35	39.68	6.43
1954	49,700	19,823	25,550	639	77.78	31.02	39.98	6.77
1955	50,894	20,372	26,220	619	82.22	32.91	42.36	6.95
1956	54,902	22,597	27,944	595	92.27	37.98	46.95	7.33
1957	50,431	19,095	26,814	563	89.58	33.92	47.63	8.03
1958	49,884	17,090	28,241	531	93.94	32.19	53.19	8.56
1959	48,518	14,232	29,745	507	95.69	28.07	58.67	8.96
1960	54,801	20,420	29,871	483	113.46	42.28	61.85	9.34
1961	48,306	13,307	30,613	463	104.33	28.74	66.12	9.47
1962	47,982	12,516	30,995	445	107.83	28.13	69.65	10.05
1963	48,824	13,396	30,903	428	114.08	31.30	72.20	10.57
1964	55,323	19,298	31,411	417	132.67	46.28	75.33	11.06
1965	65,935	25,538	35,657	411	160.43	62.14	86.76	11.53
1966	64,312	22,152	37,229	403	159.59	54.97	92.38	12.24
1967	52,503	11,965	35,358	388	135.32	30.84	91.13	13.35
1968	57,046	15,730	35,798	368	155.03	42.75	97.28	15.00
1969	58,362	16,382	36,275	357	163.48	45.89	101.16	15.98
1970	64,508	22,293	36,274	323	199.72	69.02	112.30	18.39
1971	59,097	15,696	37,486	299	197.65	52.50	125.37	19.78
1972	64,680	18,575	39,816	284	227.75	65.40	140.20	22.14
1973	98,205	42,612	48,694	288	340.99	147.96	169.08	23.95
1974	124,647	56,138	60,397	291	428.34	192.91	207.55	27.88
1975	98,192	21,762	67,013	290	338.59	75.04	231.08	32.47
1976	129,483	49,712	69,316	295	438.92	168.92	234.97	35.44

*See footnotes and sources at the end of the table.

TABLE 21. NOVA SCOTIA, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*			Principal Crops and Summerfallow Acreage (f)	Values per Acre		
	Gross Farm Income (b)	Net Farm Income (c)	Total Cash Operating Expenses (d)		Gross Farm Income	Net Farm Income	Total Cash Operating Expenses
							Total Depreciation
1950	45,477	21,340	20,553	3,584	101.74	47.74	45.98
1951	53,121	25,911	23,444	3,766	121.56	59.29	53.65
1952	55,640	27,588	24,100	3,952	129.70	64.31	56.18
1953	52,532	24,736	23,656	4,140	128.76	60.63	57.98
1954	54,250	25,615	24,330	4,305	134.95	63.72	60.52
1955	51,488	22,517	24,676	4,295	131.35	57.44	62.95
1956	52,760	21,797	26,591	4,372	137.76	56.91	69.43
1957	51,544	21,575	25,425	4,544	142.00	59.44	70.04
1958	51,853	20,599	26,705	4,549	148.58	59.02	76.52
1959	52,961	20,460	27,982	4,519	160.00	61.81	84.54
1960	52,372	18,923	28,966	4,483	168.94	61.04	93.44
1961	54,182	19,577	30,235	4,370	184.92	66.82	103.19
1962	53,061	16,329	32,297	4,435	187.50	57.70	114.12
1963	54,256	15,384	34,396	4,476	196.58	55.74	124.62
1964	53,365	13,208	35,530	4,627	194.76	48.20	129.67
1965	59,086	14,795	39,471	4,820	217.23	54.39	145.11
1966	62,960	14,974	42,806	5,180	229.78	54.65	156.23
1967	62,947	14,092	43,365	5,488	235.76	52.78	162.42
1968	65,067	15,015	44,096	5,956	256.17	59.11	173.61
1969	74,162	21,527	46,287	6,348	310.30	90.07	193.67
1970	75,433	21,027	47,802	6,604	342.88	95.58	217.28
1971	71,465	15,489	49,213	6,763	362.77	78.62	249.81
1972	81,112	21,722	52,339	7,051	429.16	114.93	276.93
1973	104,649	31,244	65,622	7,783	547.90	163.58	343.57
1974	114,406	25,139	80,190	9,077	615.09	135.16	431.13
1975	125,569	27,225	87,894	10,450	612.53	132.80	428.75
1976	131,587	30,565	89,440	11,582	629.60	146.24	427.94

*See footnotes and sources at the end of the table.

TABLE 2J. PRINCE EDWARD ISLAND, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-76

Year	Total Values (a)*			Principal Crops and Summerfallow Acreage (f)	Values per Acre			
	Gross Farm Income (b)	Net Farm Income (c)	Total Cash Operating Expenses (d)		Gross Farm Income	Net Farm Income	Total Cash Operating Expenses	Total Depreciation
1950	25,047	11,243	11,866	446	56.16	25.21	26.61	4.34
1951	30,265	15,905	12,267	422	71.72	37.69	29.07	4.96
1952	41,142	24,405	14,482	413	99.62	59.09	35.07	5.46
1953	28,166	11,425	14,253	416	67.71	27.46	34.26	5.98
1954	26,886	10,073	14,192	421	63.86	23.93	33.71	6.23
1955	29,498	11,411	15,416	420	70.23	27.17	36.71	6.36
1956	30,128	11,854	15,448	414	72.77	28.63	37.31	6.83
1957	29,483	11,189	15,246	404	72.98	27.70	37.74	7.54
1958	30,926	11,444	16,233	403	76.74	28.40	40.28	8.06
1959	29,862	9,467	16,985	391	76.37	24.21	43.44	8.72
1960	34,111	13,510	17,101	390	87.46	34.64	43.85	8.97
1961	28,869	7,657	17,667	384	75.18	19.94	46.01	9.26
1962	28,615	7,171	17,659	378	75.70	18.97	46.72	10.01
1963	31,117	8,129	19,077	376	82.76	21.62	50.74	10.40
1964	37,184	12,598	20,510	370	100.50	34.05	55.43	11.02
1965	43,055	15,172	23,570	375	114.81	40.46	62.85	11.50
1966	48,171	17,609	25,773	384	125.45	45.86	67.12	12.47
1967	37,951	6,428	26,408	375	101.20	17.14	70.42	13.64
1968	42,865	9,942	27,478	367	116.80	27.09	74.87	14.84
1969	44,973	10,979	28,398	354	127.04	31.01	80.22	15.81
1970	50,961	15,188	30,103	348	146.44	43.64	86.50	16.29
1971	41,257	4,829	30,759	336	122.79	14.37	91.54	16.87
1972	51,088	12,424	32,603	315	162.18	39.44	103.50	19.24
1973	76,496	30,222	39,548	328	233.22	92.14	120.57	20.51
1974	104,888	46,558	50,448	339	309.40	137.34	148.81	23.25
1975	86,851	21,652	56,021	356	243.96	60.82	157.36	25.78
1976	130,267	60,299	59,726	356	365.92	169.38	167.77	28.77

*See footnotes and sources at the end of the table.

FOOTNOTES FOR TABLES 2A TO J

- (a) Canadian totals exclude Newfoundland.
- (b) Gross Farm Income: "Cash Receipts" plus "Income in Kind" plus "Supplementary Payments" plus or minus "Inventory Changes of crops and livestock".
- (c) Net Farm Income: Gross farm income less operating and depreciation charges. This figure takes into account inventory changes (see above).
- (d) Total Cash Operating Expenses: Includes property taxes, rent, wages, interest on debt, total machinery expenses, fertilizer, other crop expenses, feed, other livestock expenses, repairs to buildings, electric power, fencing, custom work, insurance and other supplies and services not previously specified.
- (e) Total Depreciation: Depreciation on buildings and machinery.
- (f) Principal Crops and Summerfallow Acreage: Includes all wheat, oats for grain, barley, all rye, mixed grains, corn for grain, buckwheat, dry peas, dry beans, flaxseed, soybeans, mustard seed, rapeseed, sunflower seed, potatoes, field roots, sugar beets, tame hay, fodder corn and summerfallow.

Sources: Statistics Canada, Handbook of Agricultural Statistics Part I - Field Crops and Part II Farm Income, Catalogue No. 21-516.

Statistics Canada, Farm Net Income, Catalogue No. 21-202, 1967 and 1974.

TABLE 3A. CANADA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-76

Year	Total Operating Expenses	Total Oper- ation and Depre- ciation Expenses	Machinery Costs (a)*		Total Mach. Costs as % of Total Oper. & Dep. Expenses	Machinery Deprecia- tion as % of Mach. Sales (c)	Machinery Oper. Costs as % of Total Oper. Expenses	Machinery Costs per Acre	
			Oper- ating	Depre- ciation (b)				Oper- ating	Depre- ciation Total
			\$000			%		\$	
1950	1,096,460	1,316,183	267,060	157,129	424,189	32.2	24.4	3.27	1.92
1951	1,219,445	1,466,194	285,987	181,132	467,119	31.9	23.5	3.47	2.20
1952	1,276,951	1,542,264	306,721	197,175	503,896	32.7	24.0	3.68	2.37
1953	1,261,234	1,554,611	320,121	217,888	538,009	34.6	25.4	3.79	2.58
1954	1,250,642	1,557,694	314,011	230,504	544,515	35.0	25.1	3.68	2.70
1955	1,313,381	1,622,055	329,065	226,243	555,308	34.2	25.1	3.86	2.65
1956	1,425,766	1,739,077	351,194	225,748	576,942	33.2	24.6	4.17	2.68
1957	1,407,262	1,736,230	364,202	238,041	602,243	34.7	25.9	4.32	2.82
1958	1,504,281	1,850,073	370,297	247,085	617,382	33.4	24.6	4.33	2.89
1959	1,600,681	1,961,016	388,615	255,818	644,433	32.9	24.3	4.52	2.98
1960	1,665,675	2,035,928	398,743	265,059	663,802	32.6	23.9	4.58	3.05
1961	1,698,139	2,078,285	386,856	266,820	653,676	31.5	22.8	4.49	3.10
1962	1,814,442	2,208,363	400,095	276,706	676,801	30.7	22.1	4.52	3.13
1963	1,950,122	2,366,775	422,283	293,281	715,564	30.2	21.7	4.73	3.28
1964	2,068,467	2,519,439	445,054	316,771	761,825	30.2	21.5	4.97	3.54
1965	2,233,662	2,727,078	467,749	345,212	812,961	29.8	20.9	5.15	3.80
1966	2,471,892	3,014,147	504,600	378,162	882,762	29.3	20.4	5.49	4.11
1967	2,627,551	3,217,173	524,913	407,597	932,510	29.0	20.0	5.71	4.43
1968	2,697,299	3,329,735	547,006	432,659	979,665	29.4	20.3	5.91	4.68
1969	2,759,824	3,408,479	570,076	441,376	1,011,452	29.7	20.7	6.16	4.77
1970	2,811,744	3,468,973	614,026	446,642	1,060,668	30.6	21.8	6.63	4.82
1971	2,978,781	3,632,430	674,679	441,732	1,116,411	30.7	22.6	7.31	4.79
1972	3,204,619	3,887,716	735,974	463,098	1,199,072	30.8	23.0	7.94	5.00
1973	4,019,834	4,777,964	877,964	499,952	1,377,916	28.3	21.2	9.13	5.37
1974	4,935,458	5,827,446	1,044,025	597,556	1,641,581	28.2	21.2	11.33	6.48
1975	5,563,220	6,633,354	1,178,601	740,632	1,919,233	28.9	21.2	12.63	7.94
1976	6,035,613	7,263,348	1,327,720	852,809	2,180,529	30.0	22.0	14.13	9.08

*See footnotes and sources at the end of the table.

TABLE 3B. BRITISH COLUMBIA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-76

Year	Total Operating Expenses	Total Oper- and Depre- ciation Expenses	Machinery Costs (a)*		Total Machinery Costs as % of Total Oper. Dep. Expenses	Machinery Oper- Costs as % of Total Oper. Expenses	Machinery Costs per Acre	
			Oper- ating	Depre- ciation (b)			Operating	Depre- ciation Total
			\$000				\$	
1950	47,242	54,324	6,526	3,755	10,281	18.9	11.43	6.58 18.01
1951	52,092	59,705	6,831	4,114	10,945	18.3	11.90	7.17 19.07
1952	53,407	61,429	7,654	4,484	12,138	19.8	13.17	7.72 20.89
1953	54,638	63,608	7,562	4,951	12,513	19.7	12.93	8.46 21.39
1954	57,151	66,702	7,763	5,234	12,997	19.5	13.76	9.28 23.04
1955	58,493	68,641	8,519	5,388	13,907	20.3	14.69	9.29 23.98
1956	63,623	74,325	9,077	5,695	14,772	19.9	15.52	9.74 25.26
1957	63,242	74,997	9,713	6,204	15,917	21.2	16.27	10.39 26.66
1958	67,742	80,341	9,949	6,560	16,509	20.6	16.67	10.99 27.66
1959	73,503	87,088	10,513	6,874	17,387	20.0	16.98	11.11 28.09
1960	76,525	90,777	10,844	7,241	18,085	19.9	16.76	11.19 27.95
1961	84,434	98,850	10,894	7,405	18,299	18.5	16.24	11.04 27.28
1962	91,426	106,436	11,002	7,799	18,801	17.7	16.11	11.42 27.53
1963	93,355	108,762	11,899	8,063	19,962	18.4	16.67	11.29 27.96
1964	100,221	116,447	12,787	8,548	21,335	18.3	16.91	11.31 28.22
1965	109,013	127,160	14,195	9,467	23,662	18.6	18.25	12.17 30.42
1966	124,465	145,141	15,895	10,326	26,221	18.1	19.10	12.41 31.51
1967	130,971	153,482	16,582	11,138	27,720	18.1	20.05	13.47 33.52
1968	134,269	159,492	18,581	11,820	30,401	19.1	21.46	13.65 35.11
1969	146,471	173,772	21,432	12,659	34,091	19.6	24.52	14.48 39.00
1970	155,970	185,268	24,166	13,449	37,615	20.3	28.46	15.84 44.30
1971	165,318	196,923	27,847	14,526	42,373	21.5	29.59	15.44 45.03
1972	180,209	213,222	32,534	15,114	47,648	22.4	34.87	16.20 51.07
1973	226,670	263,598	36,786	16,095	52,881	20.1	37.69	16.49 54.18
1974	285,887	327,855	41,882	18,676	60,558	18.5	40.82	18.20 59.02
1975	314,676	363,968	43,092	23,111	66,203	18.2	41.36	22.18 63.54
1976	343,324	398,281	49,764	25,867	75,631	19.0	45.99	23.91 69.90

*See footnotes and sources at the end of table.

TABLE 3C. ALBERTA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-76

Year	Total Operating Expenses	Total Oper- ation and Depre- ciation Expenses	Machinery Costs (a)*		Total Machinery Costs as % of Total Oper. & Dep. Expenses	Machinery Oper- ation Costs as % of Total Oper- ation Expenses	Machinery Costs per Acre	
			Oper- ation	Depre- ciation (b)			Operating	Depre- ciation
			\$000					\$
1950	167,684	213,073	59,080	36,928	96,008	45.1	2.93	1.83
1951	186,781	238,370	66,575	42,901	109,476	45.9	3.28	2.11
1952	194,357	249,488	72,238	46,230	118,468	47.5	3.53	2.26
1953	193,403	255,504	75,443	50,936	126,379	49.5	3.63	2.45
1954	183,288	247,186	72,738	53,629	126,367	51.1	3.44	2.53
1955	195,789	258,798	76,157	52,061	128,218	49.5	3.57	2.44
1956	208,186	271,116	80,581	51,266	131,847	48.6	3.83	2.44
1957	210,469	275,981	83,040	53,620	136,660	49.5	3.96	2.56
1958	224,771	294,067	84,988	55,732	140,720	47.9	3.99	2.62
1959	240,353	312,534	89,513	58,157	147,670	47.3	4.09	2.65
1960	248,644	325,072	90,078	61,018	151,096	46.5	4.12	2.79
1961	263,955	341,795	99,379	61,970	151,349	44.3	4.04	2.80
1962	285,920	367,291	92,503	64,533	157,036	42.8	4.11	2.87
1963	306,149	392,762	96,677	68,158	164,835	42.0	4.25	2.99
1964	332,200	426,799	99,829	73,888	173,717	40.7	4.39	3.25
1965	335,676	460,420	104,400	80,809	185,209	40.2	4.46	3.46
1966	391,911	507,605	112,703	89,184	201,887	39.8	4.74	3.75
1967	420,691	547,500	116,373	96,358	212,731	38.9	4.88	4.04
1968	450,343	587,239	122,079	103,030	225,109	38.3	5.04	4.25
1969	452,712	590,961	123,761	104,949	228,710	38.7	5.08	4.31
1970	456,261	596,238	134,988	106,856	241,844	40.6	5.54	4.38
1971	481,664	619,137	144,733	104,263	248,996	40.2	5.92	4.27
1972	523,654	665,455	159,987	108,226	268,213	40.3	6.48	4.38
1973	662,970	817,177	190,625	116,334	306,959	37.6	7.78	4.75
1974	844,602	1,028,389	236,415	140,384	376,799	36.6	9.84	5.84
1975	987,018	1,210,537	265,946	174,127	440,073	36.4	10.83	7.09
1976	1,093,881	1,349,867	299,837	201,646	501,483	37.2	12.18	8.19

*See footnotes and sources at the end of the table.

TABLE 3D. SASKATCHEWAN, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-76

Year	Total Operating Expenses	Total Oper- ation and Depre- ciation Expenses	Machinery Costs (a)*		Total Machinery Costs as % of Total Oper. & Dep. Expenses	Machinery Oper- ation Costs as % of Total Oper. Expenses	Machinery Costs per Acre	
			Oper- ating	Depre- ciation (b)			Operating	Depre- ciation Total
			\$000	-	%	-	\$	-
1950	207,047	264,811	78,440	49,455	127,895	48.3	2.17	1.37
1951	224,735	291,026	80,907	57,821	138,728	47.7	2.22	1.59
1952	246,369	317,027	87,185	61,681	148,866	47.0	2.37	1.68
1953	236,431	314,630	91,224	68,466	159,690	50.8	2.43	1.83
1954	208,365	291,176	86,219	73,393	159,612	54.8	2.27	1.93
1955	229,040	310,782	88,892	70,999	159,891	51.5	2.33	1.86
1956	243,529	324,016	96,784	68,901	165,685	51.1	2.56	1.82
1957	236,701	319,878	99,277	71,320	170,597	53.3	2.60	1.87
1958	245,471	330,851	101,248	72,649	173,897	52.6	2.59	1.86
1959	256,995	344,497	106,519	73,997	180,516	52.4	2.73	1.90
1960	280,267	371,243	109,099	76,216	185,315	49.9	2.73	1.90
1961	262,823	355,390	99,917	77,200	177,117	49.8	2.54	1.96
1962	297,566	392,152	104,985	78,171	183,156	46.7	2.57	1.91
1963	332,400	434,560	114,547	83,308	197,855	45.5	2.77	2.02
1964	342,433	455,687	120,351	91,612	211,963	46.5	2.91	2.22
1965	378,854	506,623	123,969	102,288	226,257	44.7	2.96	2.44
1966	419,400	562,917	131,243	114,538	245,781	43.7	3.09	2.70
1967	417,166	572,738	131,779	123,258	255,037	44.5	3.09	2.89
1968	439,934	602,872	140,998	129,626	270,624	44.9	3.27	3.01
1969	447,800	607,516	143,429	130,304	273,733	45.1	3.32	3.01
1970	436,307	591,298	145,499	127,083	272,582	46.1	3.36	2.93
1971	475,383	623,168	165,531	121,123	286,654	46.0	3.82	2.80
1972	512,972	666,229	184,596	126,595	311,191	46.7	4.26	2.92
1973	638,083	805,130	211,149	136,145	347,294	43.1	4.85	3.13
1974	785,886	985,443	265,858	163,217	429,075	43.5	6.15	3.77
1975	889,316	1,135,459	308,286	204,352	512,638	45.1	7.07	4.69
1976	1,010,314	1,297,103	346,353	237,582	583,935	45.0	7.89	5.41

*See footnotes and sources at the end of the table.

TABLE 3E. MANITOBA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-76

Year	Total Operating Expenses	Total Oper. and Depre- ciation Expenses	Machinery Costs (a)*		Total Machinery Costs as % of Total Oper. & Dep. Expenses	Machinery Oper. Costs as % of Total Oper. Expenses	Machinery Costs per Acre	
			Oper- ating	Depre- ciation (b)			Operating	Depre- ciation Total
			\$000				\$	
	-		-	-	-	-	-	-
1950	93,969	121,384	34,890	22,115	57,005	47.0	3.73	2.37
1951	98,043	128,961	36,169	25,498	61,667	47.8	3.70	2.61
1952	100,097	133,012	37,457	27,372	64,829	48.7	3.70	2.70
1953	98,684	134,803	39,064	29,630	68,694	51.0	3.80	2.88
1954	94,086	130,660	37,342	30,469	67,811	51.9	3.61	2.95
1955	96,577	132,085	39,251	29,125	68,376	51.8	3.79	2.81
1956	103,799	138,804	41,176	28,141	69,317	49.9	3.99	2.72
1957	102,692	138,395	41,682	28,959	70,641	51.0	4.05	2.82
1958	107,732	144,083	41,396	29,193	70,589	49.0	3.96	2.79
1959	114,067	150,567	43,585	29,521	73,106	48.6	4.20	2.84
1960	121,300	159,239	46,518	30,252	76,770	48.2	4.36	2.84
1961	120,770	159,185	42,892	30,369	73,261	46.0	4.17	2.95
1962	137,894	177,217	47,134	31,093	78,227	44.1	4.37	2.88
1963	141,440	183,362	48,687	32,959	81,646	44.5	4.46	3.02
1964	151,959	197,907	51,143	35,703	86,846	43.9	4.65	3.24
1965	162,831	213,559	51,566	38,837	90,403	42.3	4.63	3.49
1966	185,334	240,761	55,569	42,254	97,823	40.6	4.97	3.78
1967	205,426	266,129	56,848	46,213	103,061	38.7	5.10	4.15
1968	216,482	281,156	58,196	49,417	107,613	38.3	5.16	4.38
1969	207,462	271,798	60,158	50,369	110,527	40.7	5.30	4.44
1970	210,953	274,328	64,136	50,227	114,363	41.7	5.57	4.36
1971	228,035	288,989	67,783	48,552	116,335	40.3	5.82	4.17
1972	249,078	311,100	73,525	49,620	123,145	39.6	6.29	4.24
1973	310,436	377,856	85,991	53,220	139,211	36.8	7.26	4.50
1974	402,158	482,047	109,052	63,758	172,810	35.8	9.50	5.56
1975	475,638	572,967	123,637	79,827	203,464	35.5	10.65	6.88
1976	520,855	633,764	138,136	92,456	230,592	36.4	11.66	7.80

*See footnotes and sources at the end of the table.

TABLE 3F. ONTARIO, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-76

Year	Total Operating Expenses	Total Oper- ation and Depre- ciation Expenses	Machinery Costs (a)*		Total Machinery Costs as % of Total Oper. & Dep. Expenses	Machinery Oper. Costs as % of Total Oper. Expenses	Machinery Costs per Acre	
			Oper- ating	Depre- ciation (b)			Operating	Depre- ciation Total
			\$000				\$	
1950	362,443	409,105	59,550	27,255	86,805	21.2	7.29	3.34
1951	410,781	462,767	64,309	31,170	95,479	20.6	7.77	3.77
1952	420,834	478,256	67,247	35,595	102,842	21.5	8.08	4.28
1953	423,887	487,821	69,448	39,692	109,140	22.4	8.29	4.74
1954	438,509	506,378	71,490	42,207	113,697	22.5	8.62	5.09
1955	452,381	523,593	74,564	42,955	117,519	22.4	9.25	5.33
1956	500,365	575,338	77,637	44,839	122,476	21.3	9.96	5.75
1957	493,922	574,729	81,132	48,728	129,860	22.6	10.38	6.23
1958	527,168	614,538	82,532	51,822	134,354	21.9	10.65	6.69
1959	566,072	659,847	85,606	54,517	140,123	21.2	11.05	7.04
1960	578,295	673,768	87,868	56,575	144,443	21.4	11.62	7.48
1961	607,002	705,530	88,467	56,298	144,765	20.5	11.67	7.42
1962	621,732	724,944	88,433	59,381	147,814	20.4	11.57	7.77
1963	672,829	780,430	92,450	62,962	155,412	19.9	12.07	8.22
1964	721,433	836,969	99,170	67,420	166,590	19.9	12.74	8.66
1965	771,081	895,216	109,029	72,816	181,845	20.3	13.96	9.32
1966	846,773	982,457	118,827	79,026	197,853	20.1	15.05	10.01
1967	920,015	1,069,549	125,924	85,434	211,358	19.8	15.98	10.84
1968	925,618	1,089,167	128,801	90,871	219,672	20.2	16.82	11.87
1969	955,700	1,132,511	137,201	93,614	230,815	20.4	18.26	12.46
1970	984,528	1,166,366	152,372	97,528	249,900	21.4	20.33	13.02
1971	1,034,124	1,222,473	167,918	100,524	268,442	22.0	22.53	13.48
1972	1,100,279	1,299,139	176,511	107,170	283,681	21.8	23.80	14.45
1973	1,368,870	1,597,110	201,261	116,929	318,190	19.9	26.54	15.42
1974	1,615,542	1,879,861	243,066	138,983	382,049	20.3	31.94	18.26
1975	1,795,187	2,104,563	269,525	170,127	439,652	20.9	35.17	22.20
1976	1,910,490	2,263,202	304,753	193,117	497,870	22.0	39.69	25.15

*See footnotes and sources at the end of the table.

TABLE 3G. QUEBEC, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-76

Year	Total Operating Expenses	Total Oper- ation and Depre- ciation Expenses	Machinery Costs (a)*		Total Machinery Costs as % of Total Oper. & Dep. Expenses	Machinery Oper- ation Costs as % of Total Oper- ation Expenses	Machinery Costs per Acre	
			Oper- ating	Depre- ciation (b)			Operating	Depre- ciation Total
			\$000				\$	
1950	163,686	189,992	19,852	13,272	33,124	15.4	3.54	2.37
1951	186,508	215,244	21,987	14,836	36,823	17.1	3.94	2.66
1952	196,967	227,975	24,427	16,510	40,937	18.0	4.41	2.98
1953	190,487	223,733	26,344	18,252	44,596	19.9	4.80	3.33
1954	205,171	240,267	27,224	19,201	46,425	19.3	4.99	3.52
1955	214,789	250,576	29,728	19,382	49,110	19.6	5.55	3.62
1956	236,281	273,936	33,284	20,338	53,622	19.6	6.35	3.88
1957	232,751	272,651	36,582	22,146	58,728	21.5	7.09	4.29
1958	260,218	302,663	37,339	23,871	61,210	20.2	7.32	4.68
1959	274,979	319,301	39,712	25,346	65,058	20.4	7.87	5.02
1960	281,687	327,398	40,680	26,319	66,999	20.5	8.06	5.22
1961	280,640	326,719	41,424	26,285	67,709	20.7	8.39	5.21
1962	298,953	346,681	42,576	28,069	70,645	20.4	8.71	5.74
1963	319,573	369,611	44,867	29,976	74,843	20.3	9.26	6.18
1964	332,770	384,862	47,680	31,492	79,172	20.6	9.90	6.54
1965	357,509	411,529	49,652	32,483	82,135	20.0	10.43	6.83
1966	398,201	454,558	54,220	33,747	87,967	19.4	11.42	7.11
1967	428,151	486,859	60,769	35,566	96,335	19.8	13.31	7.79
1968	423,281	485,518	60,890	37,621	98,511	20.3	13.98	8.64
1969	438,719	503,312	66,335	38,929	105,264	20.9	15.87	9.31
1970	453,546	523,081	73,164	40,717	113,881	21.8	17.89	9.96
1971	476,799	545,935	77,836	41,748	119,584	21.9	19.76	10.60
1972	513,669	588,412	84,164	44,835	128,999	21.9	21.79	11.61
1973	658,941	741,821	96,537	48,904	145,441	19.6	24.69	12.51
1974	810,348	907,745	115,971	58,121	174,092	16.2	29.43	14.75
1975	890,457	1,005,887	131,131	71,559	202,690	20.2	32.86	17.93
1976	938,267	1,070,370	148,420	82,292	230,712	21.6	37.05	20.54

*See footnotes and sources at the end of the table.

TABLE 3I. NOVA SCOTIA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-76

Year	Total Operating Expenses	Total Oper- ation and Depre- ciation Expenses	Machinery Costs (a)*		Total Machinery Costs as % of Total Oper. & Dep. Expenses	Machinery Oper- ation Costs as % of Total Oper. Expenses	Machinery Costs per Acre			
			Oper- ating	Depre- ciation (b)			Operating	Depre- ciation	Total	
										Total
\$000										
1950	20,553	24,137	3,251	1,610	4,861	20.1	15.8	7.27	3.60	10.87
1951	23,444	27,210	3,322	1,766	5,088	18.7	14.2	7.60	4.04	11.64
1952	24,100	28,052	3,729	1,941	5,670	20.2	15.5	8.69	4.52	13.21
1953	23,656	27,796	3,927	2,159	6,086	21.9	16.6	9.63	5.29	14.92
1954	24,330	28,635	4,019	2,296	6,315	22.1	16.5	10.00	5.71	15.71
1955	24,676	28,971	4,280	2,261	6,541	22.6	17.3	10.92	5.77	16.69
1956	26,591	30,963	4,556	2,331	6,887	22.2	17.1	11.90	6.09	17.99
1957	25,425	29,969	4,582	2,475	7,057	23.6	18.0	12.62	6.82	19.44
1958	26,705	31,254	4,552	2,487	7,039	22.5	17.1	13.04	7.13	20.17
1959	27,982	32,501	4,612	2,496	7,108	21.9	16.5	13.93	7.54	21.47
1960	28,966	33,449	4,745	2,460	7,205	21.5	16.4	15.31	7.94	23.25
1961	30,235	34,605	4,804	2,367	7,171	20.7	15.9	16.40	8.08	24.48
1962	32,297	36,732	4,797	2,487	7,284	19.8	14.9	16.95	8.79	25.74
1963	34,396	38,872	4,632	2,528	7,160	18.4	13.5	16.78	9.16	25.94
1964	35,530	40,157	4,981	2,596	7,577	18.9	14.0	18.18	9.47	27.65
1965	39,471	44,291	5,240	2,706	7,946	17.9	13.3	19.26	9.95	29.21
1966	42,806	47,986	5,610	2,872	8,482	17.7	13.1	20.47	10.48	30.95
1967	43,365	48,855	5,718	3,035	8,753	17.9	13.2	21.42	11.37	32.79
1968	44,096	50,052	6,104	3,322	9,426	18.8	13.8	24.03	13.08	37.11
1969	46,287	52,635	6,329	3,481	9,810	18.6	13.7	26.48	14.56	41.04
1970	47,802	54,406	6,555	3,548	10,103	18.6	13.7	29.80	16.13	45.93
1971	49,213	55,976	7,425	3,663	11,088	19.8	15.1	37.69	18.59	56.28
1972	52,339	59,390	7,755	3,802	11,557	19.5	14.8	41.03	20.12	61.15
1973	65,622	73,405	8,736	4,063	12,799	17.4	13.3	45.74	21.27	67.01
1974	80,190	89,267	9,809	4,724	14,533	16.3	12.2	52.74	25.40	78.14
1975	87,894	98,344	11,532	5,745	17,277	17.6	13.1	56.25	28.02	84.27
1976	89,440	101,022	12,831	6,489	19,320	19.1	14.3	61.39	31.05	92.44

*See footnotes and sources at the end of the table.

FOOTNOTES FOR TABLES 3A TO J

- (a) Machinery Operating Expenses: Farm expenses for gasoline, diesel fuel, oil and lubricants, machinery repairs, tires, anti-freeze, licenses and insurance.
- (b) Machinery Depreciation Costs: From Table 7 in Farm Net income, Statistics Canada, Catalogue No. 21-202. "This charge is intended to reflect the amount that farmers would have to pay to accommodate the decline in the value of machinery due to obsolescence and wear." The various machines are given different "life expectancies", and depreciated accordingly. Census figures are used as bench marks, and each year machine sales are added, and an estimated number of machines retired and subtracted. Rates of depreciation for the Maritimes, Quebec and British Columbia are usually 10 percent, and for Ontario and the Prairies, 12 percent. For 1950-55, machinery was depreciated over 12 or 15 years rather than the usual 10. Machinery includes automobiles and trucks.
- (c) Machinery sales at dealer buying prices are raised 9 percent to reflect farmers buying prices and make the data roughly comparable to the estimates of machinery depreciation. This is the practice used by Statistics Canada to calculate the value of machinery on farms. However, these data still are not strictly comparable with machinery depreciation, because the latter includes automobiles and trucks. Also, sales represent total sales during the calendar year (Table 4A) while depreciation is calculated in mid-year.

Source: Statistics Canada, Farm Implement and Equipment Sales, Catalogue Nos. 62-203 and 63-009. See Table 2 for other sources and further explanations.

TABLE 4A. CANADA, ANNUAL FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-76

Year	Farm Implement and Equipment Sales	Repair Parts Sales	Total Sales (a)	Farm Cash Receipts (b)	Value per Acre		Sales Excluding Parts/Cash Receipts
					Farm Cash Receipts	Total Sales (a)	
	-	\$000	-	-	\$	-	- % -
1950	218,187	29,862	248,049	2,121,978	25.98	3.04	10.3
1951	235,620	28,773	264,393	2,725,182	33.04	3.21	8.6
1952	250,277	31,232	282,509	2,798,534	33.58	3.39	8.9
1953	238,050	31,819	269,869	2,708,590	32.05	3.19	8.7
1954	146,703	27,356	174,039	2,292,708	26.87	2.04	6.4
1955	153,124	28,452	181,576	2,239,058	26.26	2.13	6.8
1956	170,767	31,825	202,592	2,529,300	30.02	2.40	6.7
1957	149,902	33,820	183,722	2,515,917	29.81	2.18	5.9
1958	172,014	33,979	205,993	2,754,229	32.19	2.41	6.2
1959	212,231	38,888	251,119	2,753,873	32.05	2.92	7.7
1960	217,465	41,313	258,778	2,734,498	31.42	2.97	7.9
1961	201,776	39,644	241,420	2,887,916	33.53	2.80	6.9
1962	238,798	43,879	282,677	3,111,936	35.16	3.19	7.6
1963	287,839	49,723	337,562	3,199,851	35.84	3.78	8.9
1964	326,977	53,156	380,133	3,495,646	39.06	4.25	9.3
1965	371,324	55,643	426,967	3,818,302	42.03	4.70	9.7
1966	416,914	61,991	478,905	4,272,215	46.47	5.21	9.7
1967	432,299	61,999	494,298	4,395,680	47.80	5.38	9.8
1968	378,131	63,955	442,086	4,369,412	47.23	4.78	8.6
1969	344,310	65,751	410,061	4,232,741	45.77	4.43	8.1
1970	278,980	65,032	344,012	4,192,643	45.29	3.72	6.6
1971	326,165	76,813	402,978	4,545,907	49.28	4.37	7.2
1972	420,245	87,912	508,157	5,437,146	58.66	5.48	7.7
1973	573,866	107,326	681,192	6,861,306	73.68	7.32	8.3
1974	713,696	132,209	845,905	8,868,864	96.25	9.18	8.0
1975	966,299	144,042	1,110,341	9,998,189	107.17	11.90	9.6
1976	1,134,086	154,711	1,288,797	9,975,026	106.16	13.72	11.3

(a) Includes machinery and parts.

(b) Farm cash receipts and acreage exclude Newfoundland but sales figures include Newfoundland sales.

Sources: Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-009 and 63-203.
Statistics Canada, Farm Net Income, Catalogue No. 21-202.

TABLE 4B. BRITISH COLUMBIA, ANNUAL FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-76

Year	Farm Implement and Equipment Sales	Repair Parts Sales	Total Sales (a)	Farm Cash Receipts	Value per Acre		Sales, Excluding Parts/Cash Receipts
					Farm Cash Receipts	Total Sales (a)	
	-	\$000		-	- \$	-	- % -
1950	4,125	952	5,077	90,061	157.73	8.89	4.6
1951	5,065	527	5,592	107,039	186.48	9.74	4.7
1952	5,022	689	5,711	107,860	185.65	9.83	4.6
1953	4,509	585	5,094	111,208	190.10	8.71	4.0
1954	4,215	600	4,815	110,319	195.60	8.54	3.8
1955	5,186	722	5,908	106,534	183.68	10.19	4.8
1956	5,093	803	5,896	114,932	196.47	10.08	4.4
1957	3,805	959	4,764	116,016	194.33	7.98	3.2
1958	4,146	977	5,123	121,464	203.46	8.58	3.4
1959	5,590	1,142	6,732	124,886	201.75	10.88	4.4
1960	5,353	1,231	6,584	127,647	197.29	10.18	4.2
1961	6,034	1,279	7,313	134,975	201.16	10.90	4.4
1962	5,938	1,289	7,227	149,121	218.33	10.58	3.9
1963	5,784	1,512	7,296	148,215	207.58	10.22	3.9
1964	7,169	1,634	8,803	153,945	203.63	11.64	4.6
1965	7,348	1,797	9,145	164,298	211.18	11.75	4.4
1966	8,318	2,049	10,367	189,383	227.62	12.46	4.4
1967	9,685	2,215	11,900	199,254	240.94	14.39	4.8
1968	10,727	2,427	13,154	209,849	242.32	15.19	5.1
1969	11,375	2,883	14,258	203,261	232.56	16.31	5.6
1970	7,799	2,810	10,609	216,762	255.31	12.50	3.6
1971	9,815	3,358	13,173	224,448	238.52	14.00	4.4
1972	12,134	4,473	16,607	246,750	264.47	17.80	4.9
1973	15,544	5,244	20,788	335,230	343.47	21.30	4.6
1974	21,199	5,587	26,786	389,199	379.34	26.11	5.4
1975	24,623	4,205	28,828	426,765	409.56	27.67	5.8
1976	31,689	4,030	35,719	471,484	435.75	33.01	6.7

(a) Includes machinery and parts.

Source: See Table 4A.

TABLE 4C. ALBERTA, ANNUAL FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-76

Year	Farm Implement and Equipment Sales	Repair Parts Sales	Total Sales (a)	Farm Cash Receipts	Value per Acre		Sales, Excluding Parts/Cash Receipts
					Farm Cash Receipts	Total Sales (a)	
	-	\$000	-	-	-	\$ -	- % -
1950	45,117	7,187	52,304	354,033	17.55	2.50	12.7
1951	48,267	6,821	55,088	450,291	22.16	2.71	10.7
1952	53,505	7,378	60,883	502,765	24.53	2.97	10.6
1953	51,303	7,457	58,760	478,432	22.99	2.82	10.7
1954	28,018	6,025	34,043	378,012	17.86	1.61	7.4
1955	28,066	6,314	34,380	356,932	16.75	1.61	7.8
1956	32,686	6,991	39,677	426,599	20.27	1.88	7.6
1957	30,935	7,279	38,214	433,551	20.69	1.82	7.1
1958	37,944	7,561	45,505	480,677	22.56	2.14	7.9
1959	47,934	8,493	56,427	478,770	21.85	2.58	10.0
1960	44,994	8,342	53,336	471,362	21.53	2.44	9.5
1961	45,723	8,396	54,119	526,256	23.79	2.45	8.7
1962	55,295	9,419	64,714	554,006	24.61	2.87	9.9
1963	61,930	10,408	72,338	521,628	22.92	3.18	11.9
1964	68,149	10,735	78,884	597,712	26.31	3.47	11.4
1965	82,218	11,414	93,632	664,448	28.41	4.00	12.4
1966	89,403	12,978	102,381	762,580	32.07	4.38	11.7
1967	95,777	12,758	108,535	793,985	33.27	4.55	12.1
1968	80,570	12,470	93,040	803,127	33.13	3.84	10.0
1969	71,724	12,618	84,342	737,592	30.27	3.46	9.8
1970	50,355	12,518	62,873	705,073	28.91	2.58	7.1
1971	68,359	13,950	82,309	775,443	31.73	3.37	8.8
1972	86,694	16,537	103,231	917,353	37.17	4.18	9.4
1973	130,073	21,541	151,614	1,201,211	49.04	6.19	10.8
1974	163,603	27,802	191,405	1,686,475	70.22	7.97	9.7
1975	226,734	29,282	256,016	1,876,103	76.43	10.43	12.1
1976	268,054	30,040	298,094	1,847,633	75.08	12.11	14.5

(a) Includes machinery and parts.

Source: See Table 4A.

TABLE 4D. SASKATCHEWAN, ANNUAL FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-76

Year	Farm Implement and Equipment Sales	Repair Parts Sales	Total Sales (a)	Farm Cash Receipts	Value per Acre		Sales, Excluding Parts/Cash Receipts
					Farm Cash Receipts	Total Sales (a)	
	-	\$000		-	-	\$ -	- % -
1950	62,629	8,035	70,664	410,043	11.33	1.95	15.3
1951	61,148	8,230	69,378	625,869	17.20	1.91	9.8
1952	75,860	9,762	85,622	701,606	19.08	2.33	10.8
1953	80,333	10,105	90,438	731,199	19.50	2.41	10.9
1954	37,372	7,900	45,272	463,169	12.18	1.19	8.1
1955	32,435	7,893	40,328	416,018	10.90	1.06	7.8
1956	40,749	9,355	50,104	584,509	15.44	1.32	7.0
1957	32,137	9,431	41,568	525,817	13.75	1.09	6.1
1958	36,905	9,516	46,421	565,937	14.48	1.19	6.5
1959	50,521	10,876	61,397	555,256	14.25	1.58	9.9
1960	57,359	11,693	69,052	542,684	13.55	1.72	10.6
1961	41,616	9,926	51,542	588,971	14.95	1.31	10.6
1962	59,348	11,403	70,751	673,321	16.47	1.73	8.8
1963	82,666	13,952	96,618	692,157	16.76	2.34	11.9
1964	96,366	14,619	110,985	842,221	20.37	2.68	11.4
1965	118,768	14,499	133,267	886,884	21.16	3.18	13.4
1966	126,201	15,318	141,519	949,242	22.37	3.34	13.3
1967	116,453	14,487	130,940	972,173	22.80	3.07	11.9
1968	92,104	14,889	106,993	884,055	20.50	2.48	10.4
1969	68,402	13,930	82,332	713,654	16.50	1.90	9.6
1970	51,566	12,690	64,256	686,057	15.83	1.48	7.5
1971	71,897	16,552	88,449	901,408	20.81	2.04	7.9
1972	101,111	19,297	120,408	1,202,828	27.77	2.78	8.4
1973	143,602	23,436	167,038	1,467,146	33.72	3.84	9.8
1974	175,653	30,248	205,901	2,039,831	47.15	4.76	8.6
1975	262,116	34,728	296,844	2,468,789	56.63	6.81	10.6
1976	315,519	35,952	351,471	2,286,186	52.10	8.01	13.8

(a) Includes machinery and parts.

Source: See Table 4A.

TABLE 4E. MANITOBA, ANNUAL FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-76

Year	Farm Implement and Equipment Sales	Repair Parts Sales	Total Sales (a)	Farm Cash Receipts	Value per Acre		Sales, Excluding Parts/Cash Receipts
					Farm Cash Receipts	Total Sales (a)	
	-	\$000		-	-	\$ -	- % -
1950	29,309	3,802	33,111	198,644	21.25	3.54	14.7
1951	31,699	3,803	35,502	271,623	27.75	3.63	11.7
1952	31,578	3,809	35,387	243,706	24.07	3.50	12.9
1953	28,030	3,964	31,994	218,943	21.30	3.11	12.8
1954	15,538	3,316	18,854	187,716	18.15	1.82	8.3
1955	15,075	3,535	18,610	173,027	16.70	1.80	8.7
1956	18,588	3,945	22,533	208,685	20.20	2.18	8.9
1957	14,713	3,986	18,699	197,631	19.22	1.82	7.4
1958	17,695	3,835	21,530	222,153	21.24	2.06	7.9
1959	24,082	4,490	28,572	228,809	22.02	2.75	10.5
1960	25,877	5,148	31,025	223,113	20.92	2.91	11.6
1961	18,958	4,275	23,233	239,347	23.25	2.26	7.9
1962	28,053	5,087	33,140	250,952	23.27	3.07	11.2
1963	35,916	5,654	41,570	269,994	24.70	3.80	13.3
1964	45,230	5,878	51,108	299,313	27.20	4.64	15.1
1965	49,341	5,746	55,087	342,249	30.73	4.95	14.4
1966	55,774	6,412	62,186	377,213	33.72	5.56	14.8
1967	50,923	5,983	56,906	374,569	33.60	5.10	13.6
1968	44,450	6,315	50,765	364,707	32.33	4.50	12.2
1969	34,719	6,426	41,145	350,569	30.88	3.62	9.9
1970	28,436	6,382	34,818	335,731	29.17	3.02	8.5
1971	30,736	6,835	37,571	367,841	31.59	3.23	8.4
1972	38,002	8,083	46,085	487,812	41.72	3.94	7.8
1973	60,971	10,456	71,427	619,429	52.33	6.03	9.8
1974	76,840	12,900	89,740	825,371	71.91	7.82	9.3
1975	106,442	14,434	120,876	935,004	80.56	10.41	11.4
1976	125,374	15,490	140,864	897,160	75.72	11.89	13.9

(a) Includes machinery and parts.

Source: See Table 4A.

TABLE 4F. ONTARIO, ANNUAL FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-76

Year	Farm Implement and Equipment Sales	Repair Parts Sales	Total Sales (a)	Farm Cash Receipts	Value per Farm Cash Receipts	Acre Total Sales (a)	Sales, Excluding Parts/Cash Receipts
	-	\$000		-	-	\$ -	- % -
1950	51,922	6,038	57,960	649,960	79.54	7.09	8.0
1951	58,737	6,166	64,903	784,073	94.72	7.84	7.9
1952	51,449	6,166	57,614	739,254	88.80	6.92	6.9
1953	45,443	6,092	51,535	715,952	85.47	6.15	6.3
1954	39,360	6,008	45,368	693,741	83.60	5.47	5.7
1955	43,820	6,233	50,050	723,857	89.80	6.21	6.0
1956	42,902	6,364	49,266	718,654	92.23	6.32	5.9
1957	39,174	6,978	46,152	758,954	97.10	5.90	5.2
1958	43,058	7,002	50,060	837,192	108.07	6.46	5.1
1959	50,592	8,020	58,612	843,132	108.85	7.57	6.0
1960	49,399	8,776	58,175	850,334	112.40	7.69	5.8
1961	51,006	9,125	60,131	872,530	115.05	7.93	5.8
1962	50,887	9,630	60,517	931,126	121.80	7.92	5.5
1963	59,769	10,535	70,304	1,001,982	130.81	9.18	5.9
1964	69,386	11,739	81,125	1,020,203	131.01	10.42	6.8
1965	72,936	13,516	86,452	1,101,871	141.10	11.07	6.6
1966	87,086	15,336	102,422	1,256,350	159.13	12.97	6.9
1967	96,865	15,070	111,935	1,293,778	164.19	14.20	7.5
1968	89,125	15,793	104,918	1,327,911	173.38	13.70	6.7
1969	92,832	16,620	109,452	1,400,210	186.35	14.57	6.6
1970	83,183	17,076	100,259	1,410,863	188.29	13.38	5.9
1971	90,055	20,747	110,802	1,427,965	191.60	14.87	6.3
1972	114,712	22,612	137,324	1,622,681	218.75	18.51	7.1
1973	142,148	26,330	168,478	1,992,585	262.77	22.22	7.1
1974	173,664	30,990	204,654	2,486,908	326.75	26.89	6.9
1975	214,763	33,402	248,165	2,649,785	345.74	32.38	8.1
1976	239,973	38,022	277,995	2,769,932	360.76	36.21	8.7

(a) Includes machinery and parts.

Source: See Table 4A.

TABLE 4G. QUEBEC, ANNUAL FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-76

Year	Farm Implement and Equipment Sales	Repair Parts Sales	Total Sales (a)	Farm Cash Receipts	Value per Acre		Sales, Excluding Parts/Cash Receipts
					Farm Cash Receipts	Total Sales (a)	
	-	\$000		-	-	\$ -	- % -
1950	19,138	2,746	21,884	321,160	57.22	3.90	6.0
1951	23,816	2,425	26,241	376,205	67.40	4.70	6.3
1952	23,745	2,446	26,191	379,626	68.49	4.73	6.3
1953	20,587	2,632	23,219	350,674	63.93	4.23	5.9
1954	16,943	2,513	19,456	352,488	64.57	3.56	4.8
1955	21,714	2,741	24,455	359,910	67.22	4.57	6.0
1956	23,325	3,305	26,630	363,530	69.38	5.08	6.4
1957	23,842	4,113	27,955	376,221	72.87	5.41	6.4
1958	26,469	3,987	30,456	414,406	81.22	5.97	6.4
1959	27,031	4,567	31,688	410,196	81.29	6.28	6.6
1960	26,793	4,745	31,538	402,505	79.78	6.25	6.7
1961	30,276	5,093	35,369	417,497	84.58	7.17	7.2
1962	32,554	5,530	38,084	442,223	90.49	7.79	7.4
1963	35,064	6,187	41,251	452,558	93.35	8.51	7.7
1964	32,633	6,806	39,439	457,403	94.94	8.19	7.1
1965	31,664	6,734	38,398	506,668	106.47	8.07	6.2
1966	38,874	7,743	46,617	592,431	124.78	9.82	6.6
1967	49,495	9,119	58,614	623,283	136.51	12.84	7.9
1968	49,429	9,507	58,936	638,245	146.56	13.53	7.7
1969	53,450	10,739	64,189	670,386	160.34	15.35	7.9
1970	46,590	10,695	57,285	667,414	163.18	14.01	6.9
1971	45,526	11,386	56,912	691,515	175.51	14.44	6.6
1972	56,560	12,500	69,060	776,355	200.97	17.88	7.3
1973	67,343	15,304	82,647	980,080	250.66	21.14	6.9
1974	84,821	19,314	104,135	1,149,617	291.71	26.42	7.4
1975	108,559	22,338	130,897	1,342,037	336.26	32.80	8.1
1976	125,785	25,343	151,128	1,359,766	339.43	37.72	9.2

(a) Includes machinery and parts.

Source: See Table 4A.

TABLE 4H. ATLANTIC PROVINCES, ANNUAL FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-76

Year	Farm Implement and Equipment Sales (a)	Repair Parts Sales (a)	Total Sales	Farm Cash Receipts (b)	Value per Acre		Sales, Excluding Parts/Cash Receipts
					Farm Cash Receipts	Total Sales (a)	
	-	\$000	-	-	\$	-	- % -
1950	5,946	1,102	7,048	98,077	60.80	4.37	6.1
1951	6,889	801	7,690	110,082	71.07	4.96	6.2
1952	9,119	981	10,100	123,717	81.99	6.69	7.4
1953	7,845	983	8,829	102,182	69.28	5.99	7.7
1954	5,257	973	6,229	107,263	73.37	4.26	4.9
1955	6,830	1,013	7,843	102,780	71.82	5.48	6.7
1956	7,424	1,062	8,486	112,391	80.74	6.10	6.6
1957	5,296	1,073	6,369	107,727	81.00	4.79	4.9
1958	5,797	1,101	6,898	112,400	87.61	5.38	5.2
1959	6,482	1,209	7,691	112,844	91.82	6.26	5.7
1960	7,693	1,376	9,069	116,853	98.78	7.67	6.6
1961	8,165	1,548	9,713	108,340	95.04	8.52	7.5
1962	6,722	1,522	8,244	111,187	100.53	7.45	6.0
1963	6,713	1,473	8,186	113,317	104.92	7.58	5.9
1964	8,044	1,745	9,789	124,849	117.67	9.23	6.4
1965	9,049	1,937	10,986	151,884	143.56	10.38	6.0
1966	11,258	2,155	13,413	145,016	136.68	12.64	7.8
1967	13,101	2,367	15,468	138,638	134.60	15.02	9.5
1968	11,726	2,554	14,280	141,518	143.09	14.44	8.3
1969	11,808	2,535	14,343	157,069	165.34	15.10	7.5
1970	11,052	2,861	13,913	170,743	191.63	15.62	6.5
1971	9,778	3,984	13,762	157,287	189.05	16.54	6.2
1972	11,033	4,409	15,442	183,367	232.70	19.60	6.0
1973	14,184	5,015	19,199	264,625	327.91	23.79	5.4
1974	17,917	5,367	23,284	291,463	357.18	28.53	6.1
1975	23,062	5,652	28,714	299,706	352.18	37.34	7.7
1976	27,693	5,833	33,526	342,865	398.68	38.98	8.1

(a) Includes machinery and parts.

(b) Excludes Newfoundland as do the acreage figures. However, all sales figures include Newfoundland.

Source: See Table 4A.

TABLE 5B. PER ACRE VALUE OF FARM MACHINERY AND IMPLEMENTS ON FARMS (a)*, 1950-76

Year	Canada	British Columbia	Alberta	Saskatchewan	Manitoba	Ontario	Quebec	New Brunswick	Nova Scotia	Prince Edward Island
1950	20.58	93.95	16.64	12.43	21.51	47.64	33.78	33.99	51.47	32.85
1951	23.42	102.37	19.19	14.45	23.68	53.79	37.97	39.09	57.72	38.53
1952	24.92	107.22	20.44	15.20	24.49	58.41	41.24	43.42	63.26	43.20
1953	26.72	114.50	22.09	16.47	26.02	62.02	44.72	48.31	72.49	48.37
1954	27.57	122.65	22.79	17.33	26.49	64.05	46.04	51.12	76.96	50.83
1955	26.78	119.96	21.89	16.64	25.20	64.63	46.21	51.16	76.58	50.51
1956	26.86	123.32	21.77	16.25	24.39	67.55	48.55	53.95	80.14	53.19
1957	28.10	129.57	22.88	16.65	25.23	71.18	52.70	59.91	89.17	59.43
1958	28.53	134.61	23.36	16.59	25.00	74.18	56.36	63.89	92.09	62.32
1959	29.21	134.19	23.70	16.95	25.48	76.16	59.47	66.95	97.02	66.77
1960	29.59	132.95	24.83	16.97	25.43	78.89	60.73	68.99	101.68	68.65
1961	29.79	128.89	24.91	17.44	26.42	76.38	61.03	68.43	103.25	69.94
1962	30.05	134.34	25.48	17.10	25.96	78.99	65.24	73.20	110.91	75.61
1963	31.48	134.41	26.56	18.08	27.23	82.66	69.73	77.52	114.51	79.21
1964	33.69	135.15	28.81	19.82	29.27	85.73	73.13	81.45	117.08	83.68
1965	35.92	144.33	30.52	21.80	31.43	90.97	76.05	85.56	121.30	87.97
1966	38.60	148.49	33.01	24.06	34.00	96.06	78.77	91.38	125.71	92.85
1967	41.64	157.95	35.51	25.98	37.47	103.28	87.12	101.48	135.98	101.67
1968	41.85	158.51	35.60	25.36	37.60	108.78	93.00	107.44	151.05	103.75
1969	42.44	166.27	35.85	25.18	37.58	113.83	99.80	112.76	165.85	108.23
1970	42.38	178.84	35.84	24.27	36.53	117.15	104.53	126.31	179.29	110.90
1971	42.33	173.40	35.50	23.70	35.34	119.42	108.51	135.79	202.38	113.91
1972	43.94	181.83	36.40	24.66	35.84	126.63	117.61	150.99	216.64	126.81
1973	46.70	183.88	39.04	26.11	37.41	133.52	125.32	158.08	227.13	128.32
1974	56.10	200.25	48.00	31.44	46.19	156.57	146.40	182.36	268.81	144.50
1975	67.86	242.27	57.65	38.57	56.54	187.96	175.88	219.89	293.67	165.79
1976	76.91	257.86	66.11	44.10	63.72	211.12	200.20	245.10	327.78	188.54

(a) Census data are the bench mark for calculations of value of farm machinery. To calculate the value of machinery in a specific year, the previous year's figures are adjusted for "retirement of machines" (depreciation), revalued to reflect current market values, and added to the sales figures of the current year. The resulting estimated represents the current market values of machinery on farms as of July 1st of the year in question. The statistics for Canada presented in this table differ from the census figures because they exclude Newfoundland and the territories. Newfoundland and the territories have few machines. In 1961 these machines were valued at \$3,000,000 and in 1971 at \$4,300,000.

TABLE 6A. CANADA, DEFLATED VALUES - FARM OUTPUT AND EXPENSES (e), 1950-76

Year	Gross Farm Income (a)*	All Oper. and Depre- ciation Expenses. (b)	Value of Machinery on Farms (c)	Value of Sales of Machinery and Repair Parts (c)	Annual Machinery Costs		
					Operating (d)	Depre- ciation (c)	Total
\$ 000							
1950	2,540,037	1,764,320	2,655,727	391,863	n.a.	248,229	n.a.
1951	2,954,410	1,799,011	2,694,393	368,749	n.a.	286,149	n.a.
1952	3,219,893	1,789,169	2,769,049	376,679	n.a.	262,900	n.a.
1953	3,210,949	1,828,954	2,990,246	357,442	n.a.	288,593	n.a.
1954	2,767,783	1,852,193	3,099,536	229,300	n.a.	303,694	n.a.
1955	3,103,831	1,919,592	2,992,458	237,976	n.a.	296,518	n.a.
1956	3,360,845	1,980,726	2,818,538	252,294	n.a.	281,131	n.a.
1957	2,993,611	1,914,256	2,760,662	213,879	n.a.	277,114	n.a.
1958	3,269,972	2,008,766	2,688,536	226,865	n.a.	272,120	n.a.
1959	3,213,062	2,053,420	2,633,425	263,504	n.a.	268,434	n.a.
1960	3,362,930	2,075,360	2,641,051	265,413	n.a.	271,855	n.a.
1961	3,004,108	2,078,285	2,565,538	247,610	386,856	266,820	653,676
1962	3,578,897	2,099,204	2,562,411	282,677	399,296	266,576	665,872
1963	3,773,473	2,191,458	2,612,025	325,204	418,932	272,566	691,498
1964	3,752,304	2,319,925	2,711,835	341,846	432,091	284,866	716,957
1965	3,980,728	2,434,891	2,852,491	373,223	449,327	301,759	751,086
1966	4,213,715	2,541,439	2,974,726	401,429	469,832	316,984	786,816
1967	4,067,451	2,647,879	3,105,511	400,891	472,044	330,573	802,617
1968	4,511,241	2,665,921	3,049,232	348,099	473,189	340,676	813,865
1969	4,411,981	2,640,185	3,005,596	313,982	477,451	337,960	815,411
1970	4,204,173	2,642,021	2,927,596	256,725	502,065	333,315	835,380
1971	4,477,576	2,682,740	2,846,137	293,716	532,081	321,962	854,043
1972	4,335,444	2,712,991	2,880,197	359,376	555,033	327,509	882,542
1973	4,203,098	2,866,205	2,982,365	467,210	617,504	342,903	960,407
1974	4,208,318	2,991,502	3,177,074	519,917	678,820	367,275	1,046,095
1975	4,826,829	3,028,929	3,345,908	586,861	660,281	391,454	1,051,735
1976	5,124,060	3,128,057	3,561,853	635,188	664,524	420,310	1,084,834

*See footnotes at the end of the table.

TABLE 6B. CANADA, SELECTED RELATIONSHIPS AMONG DEFLATED VALUES OF FARM OUTPUT AND EXPENSES (e), 1950-76

Year	Gross Farm Income Per Dollar of Machinery on Farms	Gross Farm Income Per Dollar of Annual Machinery Costs	Costs per Acre			Value of Machinery on Farms	Total Annual		Value of Machinery on Farms Per Agri. Worker	Total annual Machinery Costs as % of Total Oper. and Dep. Expense
			Value of Annual Sales of Machinery and Repair Parts	Value of Machinery on Farms	Value of Annual Machinery Operating and Depreciation Expenses		Value of Annual Sales of Machinery and Repair Parts	Value of Annual Machinery Operating and Depreciation Expenses		
				\$						%
1950	0.66	n.a.	4.80	32.52	n.a.				2,609	n.a.
1951	1.10	n.a.	4.47	32.67	n.a.				2,869	n.a.
1952	1.16	n.a.	4.52	33.23	n.a.				3,108	n.a.
1953	1.07	n.a.	4.23	35.39	n.a.				3,485	n.a.
1954	.89	n.a.	2.69	36.33	n.a.				3,530	n.a.
1955	1.04	n.a.	2.79	35.10	n.a.				3,654	n.a.
1956	1.19	n.a.	3.00	33.46	n.a.				3,627	n.a.
1957	1.08	n.a.	2.53	32.71	n.a.				3,691	n.a.
1958	1.22	n.a.	2.65	31.42	n.a.				3,744	n.a.
1959	1.22	n.a.	3.07	30.65	n.a.				3,762	n.a.
1960	1.27	n.a.	3.05	30.34	n.a.				3,867	n.a.
1961	1.17	4.60	2.87	29.79	7.59				3,767	31.5
1962	1.40	5.38	3.19	28.95	7.52				3,882	31.7
1963	1.45	5.46	3.64	29.25	7.74				4,025	31.6
1964	1.38	5.23	3.82	30.30	8.01				4,305	30.9
1965	1.40	5.30	4.11	31.40	8.27				5,244	30.9
1966	1.42	5.36	4.37	32.36	8.56				5,468	31.0
1967	1.31	5.07	4.36	33.77	8.73				5,555	30.3
1968	1.50	5.54	3.76	32.96	8.80				5,585	30.5
1969	1.47	5.41	3.40	32.50	8.82				5,618	30.9
1970	1.44	5.03	2.77	31.63	9.02				5,729	31.6
1971	1.57	5.24	3.18	30.85	9.26				5,581	31.8
1972	1.50	4.91	3.88	31.07	9.52				5,988	32.5
1973	1.41	4.38	5.02	32.03	10.31				6,386	33.5
1974	1.32	4.02	5.64	34.48	11.35				6,717	35.0
1975	1.44	4.59	6.29	35.86	11.27				6,884	34.7
1976	1.44	4.72	6.76	37.91	11.54				7,599	34.7

Sources: Compiled from Table 6A and Statistics Canada, The Labour Force, Catalogue No. 71-001.

TABLE 6C. BRITISH COLUMBIA, DEFLATED VALUES - FARM OUTPUT AND EXPENSES, 1951-76

Year	Total Values				Gross Farm Income			Gross Farm Income Per Dollar of Machinery Costs		Total Annual % of Total Oper. and Dep. Exp.	
	Gross Farm Income (a)*	All Oper. and Depreciation Expenses (b)	Value of Machinery on Farms (c)	Value of Machinery and Repair Parts (c)	Annual Machinery Costs		Gross Farm Income Per Dollar of Machinery on Farms	Gross Farm Income Per Dollar of Machinery Costs	Total Annual % of Total Oper. and Dep. Exp.		
					Operating (d)	Depreciation (c)					
				\$000				\$			
1950	111,747	72,904	84,162	7,954	n.a.	5,891	n.a.	1.33	n.a.	n.a.	n.a.
1951	116,693	73,552	81,461	7,750	n.a.	5,703	n.a.	1.43	n.a.	n.a.	n.a.
1952	118,629	71,521	82,485	7,561	n.a.	5,938	n.a.	1.44	n.a.	n.a.	n.a.
1953	134,162	74,464	88,022	6,702	n.a.	6,506	n.a.	1.52	n.a.	n.a.	n.a.
1954	140,555	78,616	90,221	6,273	n.a.	6,826	n.a.	1.56	n.a.	n.a.	n.a.
1955	136,536	81,246	90,426	7,668	n.a.	7,003	n.a.	1.51	n.a.	n.a.	n.a.
1956	139,736	84,864	89,292	7,290	n.a.	7,049	n.a.	1.56	n.a.	n.a.	n.a.
1957	140,704	83,005	89,920	5,533	n.a.	7,212	n.a.	1.56	n.a.	n.a.	n.a.
1958	145,682	86,675	88,505	5,650	n.a.	7,225	n.a.	1.65	n.a.	n.a.	n.a.
1959	152,500	91,020	87,371	7,079	n.a.	7,230	n.a.	1.75	n.a.	n.a.	n.a.
1960	151,457	92,407	88,401	6,762	n.a.	7,442	n.a.	1.71	n.a.	n.a.	n.a.
1961	159,822	98,850	86,488	7,310	10,894	7,405	18,299	1.85	8.73	18.5	18.5
1962	167,391	99,287	87,973	7,047	10,969	7,477	18,447	1.90	9.07	18.6	18.6
1963	169,259	98,338	88,775	6,698	11,735	7,459	19,194	1.91	8.82	19.5	19.5
1964	182,671	105,573	91,064	7,843	12,427	7,619	20,045	2.01	9.11	19.0	19.0
1965	174,781	111,446	97,134	7,915	13,742	8,189	21,931	1.80	7.97	19.7	19.7
1966	189,783	120,349	102,441	8,599	15,052	8,562	23,614	1.85	8.04	19.6	19.6
1967	206,072	126,219	103,401	9,543	15,185	8,939	24,124	1.99	8.54	19.1	19.1
1968	212,616	126,984	107,075	9,290	16,228	9,220	25,448	1.99	8.35	20.0	20.0
1969	201,930	133,465	110,092	10,818	18,178	9,590	27,768	1.83	7.27	20.8	20.8
1970	223,233	141,426	112,056	7,830	20,105	9,925	30,030	1.99	7.43	21.2	21.2
1971	228,808	144,903	118,070	9,537	22,439	10,511	32,950	1.94	6.94	22.7	22.7
1972	225,387	146,847	119,471	11,697	25,358	10,644	36,001	1.89	6.26	24.5	24.5
1973	243,901	161,070	123,090	14,266	27,473	11,039	38,512	1.98	6.33	23.9	23.9
1974	240,703	171,177	126,124	16,440	28,299	11,465	39,763	1.91	6.05	23.2	23.2
1975	260,732	161,393	132,656	15,155	24,751	12,145	36,896	1.97	7.07	22.9	22.9
1976	279,675	166,478	136,119	17,420	25,491	12,631	38,122	2.05	7.34	22.9	22.9

*See footnotes at the end of the table.

Year	Gross Farm Income (a)*	All Oper. and Depreciation Expenses (b)	Total Values			Gross Farm Income Per Dollar Machinery on Farms	Gross Farm Income Per Dollar Annual Machinery Costs	Total An. Machinery Costs as % of Total Oper. and Dep. Exp.			
			Value of Machinery on Farms (c)	Value of Sales of Machinery and Repair Parts (c)	Annual Machinery Costs						
									Operating (d)	Depreciation (c)	Total
						\$					

*See footnotes at the end of the table.

TABLE 6E. SASKATCHEWAN, DEFLATED VALUES - FARM OUTPUT AND EXPENSES, 1951-76

Year	Total Values					Gross Farm Income Per Dollar of Machinery on Farms	Gross Farm Income Per Dollar of Total Machinery Costs	Total An. Machinery Costs as % of Total Oper. and Dep. Exp.
	Gross Farm Income (a)*	All Oper. and Depreciation Expenses (b)	Value of Machinery on Farms (c)	Value of Sales of Machinery and Repair Parts (c)				
				Operating (d)	Depreciation (c)			
						\$		- \$ -
						\$000		
1950	532,089	355,384	705,337	110,854	n.a.	77,587	n.a.	n.a.
1951	772,952	358,523	728,722	96,184	n.a.	80,160	n.a.	n.a.
1952	948,886	369,112	739,971	113,374	n.a.	81,675	n.a.	n.a.
1953	876,079	368,328	811,571	118,835	n.a.	89,972	n.a.	n.a.
1954	516,476	343,185	859,852	59,042	n.a.	95,720	n.a.	n.a.
1955	790,411	367,854	825,645	52,415	n.a.	92,274	n.a.	n.a.
1956	878,917	369,962	761,474	62,010	n.a.	85,281	n.a.	n.a.
1957	624,745	354,032	739,888	48,322	n.a.	82,904	n.a.	n.a.
1958	673,244	356,934	713,777	51,134	n.a.	80,009	n.a.	n.a.
1959	663,369	360,050	694,666	64,582	n.a.	77,832	n.a.	n.a.
1960	791,266	377,909	698,226	70,962	n.a.	78,326	n.a.	n.a.
1961	455,674	355,390	686,826	51,550	99,917	77,200	177,117	.66
1962	811,410	365,813	670,390	68,734	104,671	74,948	179,619	1.21
1963	956,986	392,911	690,673	89,306	112,965	77,066	190,031	1.39
1964	781,876	413,134	730,647	98,922	116,959	81,651	198,610	1.07
1965	969,998	444,017	790,384	115,285	120,009	88,484	208,493	1.23
1966	1,044,250	466,764	846,284	117,347	124,283	94,973	219,257	1.23
1967	873,168	471,002	856,984	105,088	120,677	98,923	219,600	1.02
1968	1,097,556	479,994	853,287	78,323	123,142	101,112	224,255	1.29
1969	1,099,740	466,602	825,108	61,735	121,653	98,715	220,368	1.33
1970	856,196	451,373	776,581	47,424	121,047	93,788	214,836	1.10
1971	1,141,432	458,549	742,760	63,994	133,385	87,643	221,028	1.54
1972	965,818	458,835	752,163	84,796	143,878	89,151	233,030	1.28
1973	901,328	494,208	779,115	114,561	157,692	93,378	251,069	1.16
1974	849,771	516,711	834,796	126,397	179,634	100,195	279,828	1.02
1975	1,147,630	505,476	883,477	155,991	177,074	107,384	284,458	1.30
1976	1,365,974	549,376	944,602	171,454	176,965	115,784	292,749	1.45

*See footnotes at the end of the table.

[illegible]

*See footnotes at the end of the table.

TABLE 6G. ONTARIO, DEFLATED VALUES - FARM OUTPUT AND EXPENSES, 1951-76

Year	Total Values				Gross Farm Income (a)*	All Oper. and Depreciation Expenses (b)	Value of Machinery on Farms (c)	Value of Sales of Machinery and Repair Parts (c)	Annual Machinery Costs			Gross Farm Income Per Dollar Annual Machinery Costs on Farms	Gross Farm Income Per Dollar Annual Machinery Costs	Total An. Machinery Costs as % of Total Oper. and Dep. Exp.		
	Gross Farm Income (a)*	All Oper. and Depreciation Expenses (b)	Value of Machinery on Farms (c)	Value of Sales of Machinery and Repair Parts (c)					Operating (d)	Depreciation (c)	Total					

*See footnotes at the end of the table.

TABLE 6H. QUEBEC, DEFLATED VALUES - FARM OUTPUT AND EXPENSES, 1951-76

Year	Gross Farm Income (a)*	All Oper. and Depreciation Expenses (b)	Total Values			Annual Machinery Costs	Total	Gross Farm Income Per Dollar Machinery on Farms	Gross Farm Income Per Dollar Annual Machinery Costs	Total An. Machinery Costs as % of Total Oper. and Dep. Exp.
			Value of Machinery on Farms (c)	Value of Sales of Machinery and Repair Parts (c)	Operating (d)	Depreciation (c)				
				\$000				\$		%
1950	402,909	254,596	304,692	35,177	n.a.	21,328	n.a.	1.32	n.a.	n.a.
1951	411,759	262,862	300,854	37,249	n.a.	21,060	n.a.	1.37	n.a.	n.a.
1952	431,730	263,898	311,055	35,638	n.a.	22,466	n.a.	1.39	n.a.	n.a.
1953	427,367	264,546	332,225	31,450	n.a.	24,722	n.a.	1.29	n.a.	n.a.
1954	435,448	288,260	339,854	26,304	n.a.	25,967	n.a.	1.28	n.a.	n.a.
1955	451,270	296,776	331,859	32,795	n.a.	25,976	n.a.	1.36	n.a.	n.a.
1956	465,561	311,563	321,242	33,639	n.a.	25,681	n.a.	1.45	n.a.	n.a.
1957	457,066	299,404	318,499	32,716	n.a.	25,922	n.a.	1.44	n.a.	n.a.
1958	476,185	330,587	316,409	33,520	n.a.	26,269	n.a.	1.50	n.a.	n.a.
1959	478,343	333,990	313,055	33,061	n.a.	26,442	n.a.	1.53	n.a.	n.a.
1960	473,653	334,282	312,806	32,191	n.a.	26,871	n.a.	1.51	n.a.	n.a.
1961	488,595	326,719	301,257	35,370	41,424	26,285	67,709	1.62	7.22	20.7
1962	510,379	335,281	309,242	33,104	42,533	27,225	69,758	1.65	7.32	20.8
1963	519,209	349,679	316,536	38,979	45,002	28,067	73,069	1.64	7.11	20.9
1964	516,796	359,684	321,484	35,985	46,112	28,734	74,846	1.61	6.90	20.8
1965	509,384	373,438	321,404	34,094	47,019	28,848	75,868	1.58	6.71	20.3
1966	557,391	388,843	318,552	39,702	48,935	28,745	77,680	1.75	7.18	20.0
1967	550,679	401,037	319,506	48,239	52,751	29,272	82,023	1.72	6.71	20.5
1968	565,728	390,602	323,496	43,490	51,689	30,049	81,738	1.75	6.92	20.9
1969	574,717	392,906	324,958	49,065	54,151	30,319	84,470	1.77	6.80	21.5
1970	585,868	398,083	324,127	43,427	57,883	30,870	88,753	1.81	6.60	22.3
1971	538,819	402,014	315,061	41,938	58,967	30,765	89,732	1.71	6.60	22.3
1972	552,171	415,252	323,129	49,125	62,715	31,888	94,604	1.71	5.84	22.8
1973	557,716	435,745	336,324	56,706	68,032	33,565	101,597	1.66	5.49	23.3
1974	570,110	455,561	355,063	64,092	71,104	35,767	106,871	1.61	5.33	23.5
1975	569,276	469,198	374,375	69,808	70,124	38,165	108,288	1.52	5.26	23.1
1976	540,247	472,945	401,631	75,679	72,510	41,129	113,638	1.35	4.75	24.0

*See footnotes at the end of the table.

TABLE 61. ATLANTIC PROVINCES, DEFLATED VALUES - FARM OUTPUT AND EXPENSES (e), 1951-76

Year	Total Values					Gross Farm Income (a)*	All Oper. and Depreciation Expenses (b)	Value of Machinery on Farms (c)	Value of Sales of Machinery and Repair Parts (c)	Annual Machinery Costs			Gross Farm Income Per Dollar Annual Machinery Costs on Farms	Total An. Machinery Costs as % of Total Oper. and Dep. Exp.	
	Depreciation			Total											
	Operating (d)	Total (c)	Total												

*See footnotes at the end of the table.

FOOTNOTES FOR TABLES 6A TO I

- (a) Deflated with Farm Output Price Index (Table 1). Each province's income has been deflated by the appropriate provincial index of farm prices of agricultural products published in "Statistics Canada, Index Numbers of Farm Prices of Agricultural Products, Catalogue No. 62-003." These numbers form the basis for the indexes in Table 1.
- (b) Deflated with Farm Input Price Index (Table 1), using the appropriate all Canada, east or west index.
- (c) Deflated with Total Farm Machinery Price Index (Table 1) using the appropriate all Canada, east or west index.
- (d) Deflated with Farm Machinery Operating Expenses Price Index (Table 1) using the appropriate all Canada, east or west index.
- (e) All values except machinery and repair parts sales exclude Newfoundland.

NOTE: This table provides data representing crude estimates of physical changes in inputs and outputs on Canadian farms valued in 1961 dollars.

SECTION II

STATISTICS RELATING TO THE SALE OF FARM MACHINERY IN CANADA

TABLE 7. FARM IMPLEMENT AND EQUIPMENT SALES IN CANADA (a), 1960-76

Year	Trac- tors and Attach- ments	Tilling, Planting, and Seeding										Harvesting Machinery					Market				Repair Parts Total
		Plows		Chisel Plows	Others	Fertil- izing	and Seeding	Haying Machinery	Pull Type	Combines		Self Pro- pelled	Wind- rowers	Har- vest Mach.	Prepa- ration Mach.	Dairy Mach.	All Other Mach.				
		Mold- board Plows	Other Plows							Balers	Others										
\$000 000																					
1960	80.1	3.0	8.6	n.a.	12.7	7.9	17.4	13.1	6.7	28.8	5.9	5.1	6.3	5.7	16.1	41.3	258.7				
1961	74.8	3.2	8.3	n.a.	12.9	8.2	17.3	11.9	4.3	22.0	5.8	5.5	6.2	5.6	15.7	39.6	241.4				
1962	80.6	3.1	8.1	n.a.	15.4	9.5	19.7	12.5	6.5	36.8	8.1	6.2	7.7	5.6	19.0	43.9	282.7				
1963	97.7	3.5	9.4	n.a.	18.1	11.4	18.1	13.3	7.1	51.1	11.8	8.2	10.0	5.0	23.2	49.7	337.6				
1964	114.1	3.8	12.1	n.a.	21.1	14.4	17.9	13.0	9.5	50.7	16.1	9.3	11.3	9.3	24.3	53.2	380.1				
1965	122.0	4.2	13.1	n.a.	23.6	15.7	17.6	12.4	12.9	68.6	21.2	10.4	12.9	8.0	28.8	55.6	427.9				
1966	149.5	5.3	14.4	n.a.	28.8	20.1	16.8	13.0	14.3	59.4	23.2	13.1	15.4	6.8	36.8	62.0	478.9				
1967	153.1	5.9	15.0	n.a.	33.8	23.6	15.6	12.3	10.7	54.8	24.2	17.5	14.9	9.0	41.9	62.0	494.3				
1968	128.8	5.4	10.6	n.a.	28.7	19.1	14.1	12.2	8.8	47.6	n.a.	42.7	14.9	8.4	36.8	64.0	442.1				
1969	118.6	4.7	6.2	n.a.	22.5	16.4	11.4	11.8	5.9	31.5	13.9	17.8	18.8	10.6	54.2	65.8	410.1				
1970	102.5	3.8	3.6	n.a.	15.4	12.9	10.9	10.4	4.0	22.0	10.9	15.3	15.5	6.5	45.3	65.0	344.0				
1971	117.4	3.7	5.8	n.a.	19.4	16.4	10.1	11.7	6.9	29.8	15.0	16.5	18.2	7.1	48.2	76.8	403.0				
1972	162.7	4.8	6.7	5.5	20.6	18.0	13.3	16.4	10.0	33.0	18.2	17.0	23.7	11.6	58.8	87.9	508.2				
1973	212.5	7.2	6.3	9.7	29.8	23.7	17.1	24.4	14.2	53.0	23.0	23.8	33.4	12.9	82.9	107.3	681.2				
1974	256.6	7.7	10.7	15.0	39.5	31.1	17.9	31.5	10.1	59.0	27.3	29.8	43.2	16.1	118.2	132.2	845.9				
1975	373.3	12.9	12.6	21.5	56.9	39.5	29.6	35.4	24.3	84.0	38.4	35.2	50.4	19.0	133.3	144.0	1,110.3				
1976	449.3	15.6	18.4	25.1	69.8	53.4	36.7	35.4	27.0	111.4	48.7	38.4	43.5	13.3	148.1	154.7	1,288.8				

(a) Valued at dealers' buying prices before discounts, volume bonuses and value of trade-ins.

(b) Includes rotary tillers and cultivators.

n.a. = not available.

Source: Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-203.

TABLE 8A. ANNUAL PERCENTAGE DISTRIBUTION OF EQUIPMENT AND REPAIR PARTS SALES IN CANADA BY TYPE, 1960-76

Year	Selected Items as Percent of Total Sales																								
	Trac- tors and Attach- ments	Tilling, Cultivating & Weeding			Planting, Seeding and Fertiliz- ing	Haying Machinery			Harvesting Machinery			Pull Type	Combines			Self Pro- pelled	Wind- rowers	Other Har- vest Mach.	Market Prepa- ration Dairy Mach.	All Other Mach.	Repair Parts				
		Mold- board Plows	Other Plows	Chisel Plows		Others	Balers	Machinery Others	Swathers	and	Other Mach.		Pro- pelled	Wind- rowers	Har- vest Mach.							Prepa- ration Mach.	Dairy Mach.	Other Mach.	Repair Parts
1960	31.0	1.2	3.3	n.a.	4.9	3.1	6.7	5.1	2.6	11.1	2.2	1.9	2.2	1.9	2.4	2.2	2.4	6.2	6.2	16.0					
1961	31.0	1.3	3.4	n.a.	5.4	3.4	7.2	4.9	1.8	9.1	2.4	2.3	2.4	2.3	2.6	2.3	2.6	6.5	6.5	16.4					
1962	28.5	1.1	2.9	n.a.	5.4	3.4	7.0	4.4	2.3	13.0	2.9	2.2	2.9	2.2	2.7	2.0	2.7	6.7	6.7	15.5					
1963	28.9	1.0	2.8	n.a.	5.4	3.4	5.4	3.9	2.1	15.1	3.5	2.4	3.5	2.4	3.0	1.5	3.0	6.9	6.9	14.7					
1964	30.0	1.0	3.2	n.a.	5.5	3.8	4.7	3.4	2.5	13.3	4.2	2.5	4.2	2.5	3.0	2.4	3.0	6.4	6.4	14.0					
1965	28.6	1.0	3.1	n.a.	5.5	3.7	4.1	2.9	3.0	16.1	5.0	2.4	5.0	2.4	3.0	1.9	3.0	6.7	6.7	13.0					
1966	31.2	1.1	3.0	n.a.	6.0	4.2	3.5	2.7	3.0	12.4	4.8	2.7	4.8	2.7	3.2	1.4	3.2	7.7	7.7	12.9					
1967	31.0	1.2	3.0	n.a.	6.8	4.8	3.2	2.5	2.2	11.1	4.8	3.6	4.8	3.6	3.0	1.8	3.0	8.5	8.5	12.5					
1968	29.1	1.2	2.4	n.a.	6.5	4.3	3.2	2.8	2.0	10.8	n.a.	9.7	n.a.	9.7	3.4	1.9	3.4	8.3	8.3	14.5					
1969	28.9	1.2	1.5	n.a.	5.5	4.0	2.8	2.9	1.4	7.7	3.4	4.3	3.4	4.3	4.6	2.6	4.6	13.2	13.2	16.0					
1970	29.8	1.1	1.1	n.a.	4.5	3.8	3.2	3.0	1.2	6.4	3.1	4.4	3.1	4.4	4.5	1.9	4.5	13.2	13.2	18.9					
1971	29.1	0.9	1.4	n.a.	4.8	4.1	2.5	2.9	1.7	7.4	3.7	4.1	3.7	4.1	4.5	1.8	4.5	12.0	12.0	19.1					
1972	32.0	1.0	1.3	1.1	4.1	3.5	2.6	3.2	2.0	6.5	3.6	3.3	3.6	3.3	4.7	2.3	4.7	11.6	11.6	17.3					
1973	31.2	1.1	0.7	1.4	4.6	3.5	2.5	3.6	2.1	7.8	3.4	3.5	3.4	3.5	4.9	1.9	4.9	12.2	12.2	15.8					
1974	30.3	0.9	1.1	1.8	4.9	3.7	2.1	3.7	1.2	7.0	3.2	3.5	3.2	3.5	5.1	1.9	5.1	14.0	14.0	15.6					
1975	33.6	1.2	1.0	1.9	5.3	3.6	2.6	3.2	2.2	7.5	3.4	3.2	3.4	3.2	4.5	1.7	4.5	12.0	12.0	13.0					
1976	34.9	1.2	1.4	2.0	5.4	4.1	2.8	2.8	2.1	8.6	3.8	3.0	3.8	3.0	3.4	1.0	3.4	11.5	11.5	12.0					

Source: Table-7.

TABLE 8B. ANNUAL PERCENTAGE CHANGE IN EQUIPMENT AND REPAIR PARTS SALES IN CANADA, 1961-76

Year	Percentage Change from Previous Year																
	Trac- tors and Attach- ments	Tilling, Cultivating & Weeding		Planting, Seeding and Fertil- izing	Harvesting Machinery							Market Prepa- ration Mach.	All Other Mach.	Repair Parts	Total		
		Plows			Haying Machinery			Com-bines									
		Mold- board plows	Other Plows		Chisel Plows	Others	Balers	Machinery	Pull Type	Self Pro- pelled	Wind- rowers					Other vest Mach.	
1961	- 6.7	5.6	- 4.0	n.a.	2.3	4.2	- 0.2	- 9.3	- 36.0	- 23.7	- 1.3	8.9	- 0.5	- 3.1	- 3.1	- 4.2	- 6.7
1962	7.9	- 2.2	- 2.1	n.a.	18.7	15.2	13.6	4.7	49.7	67.6	39.5	12.9	22.9	0.6	21.5	10.7	17.1
1963	21.1	11.8	16.7	n.a.	17.5	20.1	- 8.2	6.6	10.0	38.7	45.6	31.7	31.2	- 11.2	21.9	13.3	19.4
1964	16.8	7.9	28.3	n.a.	16.9	27.0	- 1.4	- 2.2	34.1	- 0.7	36.6	13.3	12.7	87.1	5.0	6.9	12.6
1965	7.0	9.7	8.1	n.a.	11.5	9.0	- 1.6	- 4.6	35.7	35.3	31.1	12.2	14.0	- 14.1	18.5	4.7	12.3
1966	22.5	27.6	9.8	n.a.	22.4	27.8	- 4.1	4.7	10.5	- 13.4	9.6	2.1	19.3	- 15.1	27.7	11.4	12.2
1967	2.4	10.9	4.4	n.a.	17.2	17.4	- 7.4	- 5.1	- 25.1	- 8.4	4.3	33.2	- 3.1	32.1	14.0	0.01	3.2
1968	- 15.8	- 7.8	- 29.6	n.a.	- 15.0	- 19.0	- 9.2	- 0.9	- 17.9	- 13.2	n.a.	n.a.	- 0.03	- 6.3	- 13.8	3.2	- 10.6
1969	- 7.9	- 12.8	- 41.4	n.a.	- 21.7	- 14.1	- 19.3	- 3.6	- 32.8	- 33.9	- 42.7	1.2	12.3	25.6	47.2	2.8	- 7.2
1970	- 13.5	- 18.0	- 41.6	n.a.	- 31.5	- 21.2	- 4.8	- 12.0	- 33.0	- 30.1	- 21.7	- 14.0	- 21.5	- 39.0	- 16.4	- 1.1	- 16.1
1971	14.4	- 4.0	61.1	n.a.	26.1	26.7	- 6.9	12.5	75.2	35.4	38.4	7.9	17.1	9.5	6.3	18.1	17.1
1972	38.6	30.2	14.8	n.a.	6.2	9.5	31.3	40.0	44.7	10.9	21.1	2.9	30.4	64.2	22.1	14.5	26.1
1973	30.6	49.8	- 25.9	75.3	51.1	31.6	28.2	49.3	42.1	60.8	26.3	40.5	41.2	10.5	40.9	22.1	34.1
1974	20.8	6.3	78.7	55.7	33.0	31.6	5.1	29.0	- 29.1	11.2	18.7	25.1	29.1	25.4	42.5	23.2	24.2
1975	45.5	67.6	19.2	43.4	42.5	26.9	65.3	12.2	140.2	42.4	40.5	18.2	16.8	17.7	12.9	9.0	31.3
1976	20.4	20.9	46.0	16.7	22.7	35.2	24.0	-	11.1	32.6	26.8	9.1	- 13.7	- 30.0	11.1	7.4	16.1

Source: Computed from Table 7, and Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-203.

TABLE 9. UNIT SALES OF SELECTED FARM MACHINES IN CANADA, 1960-76

Year	Combines		Hay Balers		Swathers		Moldboard Plows	
	Self Pro- pelled	Pull Type	Hand- Portable Bales (a)	All Other Bales	Self- Pro- pelled	Pull Type	Tractor Drawn	Mounted
1960	5,216	2,622	12,274	-	1,751	2,993	1,505	8,620
1961	3,896	1,852	12,241	-	2,310	1,911	1,318	8,792
1962	5,884	2,316	13,511	-	2,347	3,542	1,151	8,817
1963	7,470	2,263	12,151	-	3,000	4,350	1,527	8,471
1964	7,194	2,580	12,027	-	4,195	5,644	1,094	8,621
1965	8,624	2,964	11,502	-	5,672	6,398	1,136	8,042
1966	7,445	3,324	11,258	-	6,475	5,512	1,633	8,835
1967	6,464	2,307	9,761	-	6,722	5,333	1,522	9,302
1968	5,484	1,747	8,288	-	6,309	4,289	1,223	8,065
1969	3,508	1,139	6,970	-	4,121	2,493	724	6,766
1970	2,417	709	5,901	-	3,316	833	594	4,961
1971	2,901	994	5,423	-	4,137	1,716	388	4,383
1972	2,846	1,302	6,479	-	4,327	2,467	397	4,629
1973	3,930	1,751	7,610	-	5,365	3,117	569	5,742
1974	3,749	1,094	6,960	214	5,214	2,976	140	5,827
1975	4,144	1,968	6,686	2,254	5,307	3,442	638	6,968
1976	4,674	2,060	6,587(b)	3,272	6,015	4,108	728	6,736

(a) Before 1974, most balers bought produced hand-portable bales.

(b) Bales under 200 lb

Source: Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-203.

TABLE 10. ANNUAL UNIT TRACTOR SALES IN CANADA, 1960-76

Year	No. of Two-Wheel-Drive Tractors (Including Front Assist) by PTO HP						No. Four-Wheel-Drive Tractors by PTO HP			Total Number of Tractors Sold	
	Under 40 HP	40-79 HP	80-99 HP	100-119 HP	120-139 HP	140 HP and over	Sub-Total	Under 170 HP	170 and over		Sub-Total
1960	19,328(a)	-	-	-	-	-	-	-	-	-	25,399
1961	10,847(a)	-	-	-	-	-	-	-	-	-	23,520
1962	9,633(a)	-	-	-	-	-	-	-	-	-	23,765
1963	9,322(a)	-	-	-	-	-	-	-	-	-	26,018
1964	8,491	13,330(b)	-	-	-	-	-	-	-	-	27,506
1965	7,683	12,637(b)	-	-	-	-	-	-	-	-	26,855
1966	8,349	13,561(b)	-	-	-	-	-	-	-	-	30,516
1967	8,084	12,817(b)	-	-	-	-	-	-	-	-	29,814
1968	6,476	10,296	4,006(c)	-	-	-	-	-	-	-	23,098
1969	5,728	8,902	3,522	1,027(d)	-	-	-	-	-	-	20,396
1970	4,929	7,835	3,162	677(d)	-	-	-	-	-	-	17,536
1971	3,757	8,706	2,690	1,583	957	500	18,193	-	-	605	18,798
1972	4,087	10,310	3,612	2,047	1,283	1,179	22,518	-	-	990	23,508
1973	4,738	12,110	3,568	2,893	2,926	1,078	27,313	831	614	1,445	28,758
1974	4,254	12,969	3,294	3,061	2,921	1,734	28,233	809	953	1,762	29,995
1975	4,020	13,744	3,017	3,662	3,161	2,256	29,860	344	2,461	2,805	32,665
1976	2,112	15,052	2,714	4,082	3,406	2,270	29,636	290	2,943	3,233	32,869

(a) All other tractors have 40 or more hp.

(b) All other tractors have 80 or more hp.

(c) All other tractors have 100 or more hp.

(d) All other tractors have 120 or more hp.

Source: Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-203.

TABLE 11. ANNUAL PERCENTAGE DISTRIBUTION OF UNIT TRACTOR SALES BY TRACTOR SIZE IN CANADA, 1960-76

Year	Distribution of Two-Wheel-Drive Tractors (Including Front Assist) by PTO HP							Distribution Four-Wheel-Drive Tractor by PTO HP		
	Under 40 HP	40-79 HP	80-99 HP	100-119 HP	120-139 HP	140 HP and over	Sub-Total	Under 170 HP	170 and over	Sub-Total
1960	76.1(a)	-	-	-	-	-	-	-	-	-
1961	46.1(a)	-	-	-	-	-	-	-	-	-
1962	40.5(a)	-	-	-	-	-	-	-	-	-
1963	35.8(a)	-	-	-	-	-	-	-	-	-
1964	30.9	48.5(b)	-	-	-	-	-	-	-	-
1965	28.6	47.1(b)	-	-	-	-	-	-	-	-
1966	27.4	44.4(b)	-	-	-	-	-	-	-	-
1967	27.1	43.0(b)	-	-	-	-	-	-	-	-
1968	28.0	44.6	17.3(c)	-	-	-	-	-	-	-
1969	28.1	43.6	17.3	5.0(d)	-	-	-	-	-	-
1970	28.1	44.7	18.0	3.9(d)	-	-	-	-	-	-
1971	20.0	46.3	14.3	8.4	5.1	2.7	96.8	-	-	3.2
1972	17.4	43.9	15.4	8.7	5.4	5.0	95.8	-	-	4.2
1973	16.5	42.1	12.4	10.1	10.2	3.7	95.0	2.9	2.1	5.0
1974	14.2	43.1	11.0	10.2	9.7	5.8	94.1	2.7	3.2	5.9
1975	12.3	42.1	9.2	11.2	9.7	6.9	91.4	1.1	7.5	8.6
1976	6.4	45.8	8.3	12.4	10.4	6.9	90.2	0.9	8.9	9.8

(a) All other tractors have 40 or more hp.

(b) All other tractors have 80 or more hp.

(c) All other tractors have 100 or more hp.

(d) All other tractors have 120 or more hp.

Source: Table 10.

TABLE 13. CANADA, REGIONAL DISTRIBUTION OF LARGE-WHEEL TRACTOR SALES BY TYPE, 1973-76

Type	Area	Number Sold				Percentages			
		1973	1974	1975	1976	1973	1974	1975	1976
Two-Wheel- Drive: 100-139 hp	Atlantic	60*	80*	100	134	1.0	1.3	1.5	1.8
	Quebec	74*	119*	218	297	1.3	2.0	3.2	4.0
	Ontario	851	962	1,195	1,397	14.6	16.1	17.5	18.6
	Prairies	4,764	4,740	5,192	5,543	81.9	79.2	76.1	74.0
	B.C.	70*	81*	118	117	1.2	1.4	1.7	1.6
Total		5,819	5,982	6,823	7,488	100.0	100.0	100.0	100.0
Two-Wheel- Drive: 140 hp and over	Atlantic	4*	14	12*	15*	0.4	0.8	0.5	0.6
	Quebec	8*	26	27	40*	0.7	1.5	1.2	1.8
	Ontario	181	248	264	304	16.8	14.3	11.7	13.4
	Prairies	882	1,435	1,932	1,881	81.8	82.8	85.7	82.9
	B.C.	3*	11	21	30*	0.3	0.6	0.9	1.3
Total		1,078	1,734	2,256	2,270	100.0	100.0	100.0	100.0
Four-Wheel- Drive: under 170 hp	Atlantic	3*	6	6	8*	0.4	0.7	1.7	2.8
	Quebec	27*	32	34*	27	3.2	4.0	9.9	9.3
	Ontario	38	53	82	51	4.6	6.6	23.8	17.6
	Prairies	753	708	205	179	90.6	87.5	59.6	61.7
	B.C.	10*	10	17	25*	1.2	1.2	4.9	8.6
Total		831	809	344	290	100.0	100.0	100.0	100.0
Four-Wheel- Drive: 170 hp and over	Atlantic	1*	6	-	6*	0.2	0.6	-	0.2
	Quebec	3*	7	19*	18*	0.5	0.7	0.8	0.6
	Ontario	38	42	91*	142	6.2	4.4	3.7	4.8
	Prairies	565	889	2,329	2,746	92.0	93.3	94.6	93.3
	B.C.	7*	9	22	31*	1.1	1.0	0.9	1.1
Total		614	953	2,461	2,943	100.0	100.0	100.0	100.0

*Estimated.

Source: Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-203.

TABLE 14. CANADA, MONTHLY SALES OF FARM MACHINERY, EQUIPMENT AND REPAIR PARTS, 1960-77

Year	January	February	March	April	May	June	July	August	September	October	November	December	Year's Total (a)
\$000,000													
1960	8.0	8.9	10.3	22.7	27.8	24.8	29.9	30.6	36.2	39.2	12.4	8.0	258.8
1961	10.2	8.8	13.5	24.9	27.9	21.9	28.5	28.9	30.0	32.4	8.7	5.7	241.4
1962	5.3	7.7	12.1	21.0	25.6	34.4	31.5	37.7	41.9	43.1	15.0	7.5	282.7
1963	6.1	9.0	12.9	22.0	24.0	35.0	32.5	39.6	39.6	44.0	15.5	6.0	337.5
1964	6.5	11.5	16.4	24.2	32.0	50.2	36.5	50.7	53.8	69.8	15.5	13.0	380.1
1965	8.7	10.1	15.1	34.6	53.1	34.6	39.5	60.5	65.1	77.9	15.9	11.9	427.0
1966	10.3	10.9	19.2	47.4	52.3	39.3	40.8	63.5	62.1	94.1	17.6	21.4	478.9
1967	13.8	12.9	20.2	40.4	62.3	45.8	41.5	57.8	63.0	91.9	30.3	14.4	494.3
1968	13.3	12.5	18.0	39.0	44.4	33.1	38.5	56.9	57.4	88.5	16.1	24.2	442.1
1969	13.0	12.6	16.9	33.6	45.4	42.9	40.7	47.4	72.2	51.3	15.7	18.3	410.1
1970	11.3	12.1	14.4	22.4	35.4	40.0	42.3	32.9	43.5	62.8	15.0	11.8	344.0
1971	13.1	12.6	15.9	37.4	34.4	40.7	44.6	48.8	63.1	55.8	19.9	16.4	403.0
1972	16.9	13.1	21.8	34.0	54.9	74.0	44.6	59.5	64.1	68.5	26.5	30.3	508.2
1973	20.2	22.7	42.3	50.0	67.7	54.5	83.8	77.7	82.8	92.4	33.0	54.1	681.2
1974	32.4	32.6	49.6	54.6	87.9	94.3	105.0	97.5	93.0	106.1	42.0	50.9	845.9
1975	43.7	41.0	60.5	96.0	112.4	113.1	108.3	139.4	122.1	160.5	41.1	72.2	1,110.3
1976	57.7	58.6	91.5	147.2	112.4	89.7	161.6	149.5	136.7	168.0	53.7	62.2	1,288.8
1977(b)	64.7	50.7	88.0	119.9	84.1	106.1	136.5	134.2	137.6	190.5	59.0	65.6	1,236.9

(a) Monthly sales may not equal year's total because of rounding errors. Sales are valued at dealers' buying prices.
 (b) Preliminary.

Source: Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-009.

TABLE 15. CANADA, MONTHLY SALES OF FARM MACHINERY, 1960-77

Year	January	February	March	April	May	June	July	August	September	October	November	December	Year's Total (a)
	\$000,000												
1960	6.1	6.1	6.4	19.6	24.2	21.0	24.0	24.8	32.2	36.1	11.1	5.9	217.5
1961	8.2	5.5	9.4	21.7	24.2	17.2	23.5	23.8	26.5	30.4	7.2	4.2	201.8
1962	3.5	5.6	8.1	17.5	21.4	29.8	25.9	30.7	35.8	40.1	13.8	6.7	238.8
1963	4.0	5.1	7.9	18.4	19.4	30.6	28.4	32.7	33.1	40.0	13.9	5.0	287.8
1964	4.2	7.5	11.4	20.3	16.7	43.9	30.7	43.5	48.0	66.6	12.9	11.2	326.9
1965	5.7	6.6	10.7	29.9	47.9	29.4	33.8	52.3	59.2	73.1	13.0	9.8	371.4
1966	6.6	7.3	13.4	42.3	46.8	33.4	34.4	55.1	54.5	90.5	14.6	18.0	416.9
1967	9.5	8.6	14.7	35.7	56.1	39.6	34.9	49.4	56.3	88.0	27.4	12.1	432.3
1968	10.0	8.2	12.6	34.0	37.8	27.6	31.7	49.1	50.6	81.6	12.7	22.2	378.1
1969	9.1	7.7	11.5	28.0	39.0	36.6	33.6	39.5	64.3	46.3	12.8	15.9	344.3
1970	7.0	7.6	9.6	18.0	29.6	34.3	34.8	24.1	35.3	57.6	11.7	9.5	279.0
1971	8.2	6.7	10.5	31.0	26.9	34.2	36.7	38.4	53.1	49.6	18.6	12.3	326.2
1972	13.4	8.1	14.3	27.9	46.7	64.4	35.4	48.0	53.0	59.3	22.6	27.2	420.2
1973	15.2	15.8	32.2	42.4	56.0	45.8	72.9	65.1	70.0	81.9	26.6	50.0	573.9
1974	24.2	22.8	33.6	49.2	85.2	74.3	92.2	82.8	76.8	94.7	34.0	43.9	713.7
1975	35.7	30.0	49.4	86.0	98.6	95.5	93.6	119.7	105.1	150.4	34.6	67.7	966.3
1976	47.3	46.8	80.3	134.2	98.6	75.0	145.7	130.7	119.5	158.3	42.1	55.6	1,134.5
1977(b)	50.6	39.8	77.5	108.4	68.6	91.0	119.8	115.7	121.9	175.6	49.7	58.1	1,076.7

(a) Monthly sales may not equal year's total because of rounding errors. Sales are valued at dealers' buying prices.

(b) Preliminary.

Source: Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-009.

TABLE 16. CANADA, MONTHLY SALES OF FARM MACHINERY REPAIR PARTS, 1960-77

Year	January	February	March	April	May	June	July	August	September	October	November	December	Year's Total (a)
	\$000,000												
1960	1.9	2.8	3.9	3.1	3.6	3.8	5.9	5.8	4.0	3.1	1.3	2.1	41.3
1961	2.0	3.3	4.1	3.2	3.7	4.7	5.0	5.1	3.5	2.0	1.5	1.5	39.6
1962	1.8	2.1	4.0	3.5	4.2	4.6	5.6	7.0	6.1	3.0	1.2	.8	43.9
1963	2.1	3.9	5.0	3.6	4.6	5.4	6.1	6.9	6.5	4.0	1.6	1.0	49.7
1964	2.3	4.0	5.0	3.9	5.3	6.3	5.8	7.2	5.8	3.2	2.6	1.8	53.2
1965	3.0	3.5	4.4	4.7	5.2	5.2	5.7	8.2	5.9	4.8	2.9	2.1	55.6
1966	3.7	3.6	5.8	5.1	5.5	5.9	6.4	8.4	7.6	3.6	3.0	3.4	62.0
1967	4.3	4.3	5.5	4.7	6.2	6.2	6.6	8.4	6.7	3.9	2.9	2.3	62.0
1968	3.3	4.3	5.4	5.1	6.6	5.5	6.8	7.8	6.9	6.9	3.4	2.0	64.0
1969	3.9	4.9	5.5	5.6	6.4	6.3	7.1	7.9	7.9	5.0	2.9	2.3	65.7
1970	4.2	4.5	4.8	4.5	5.8	5.7	7.5	8.8	8.2	5.3	3.3	2.4	65.0
1971	4.9	6.0	5.3	6.5	7.5	6.5	8.0	10.3	10.0	6.3	1.3	4.2	76.8
1972	3.6	5.0	7.5	6.1	8.2	9.7	9.2	11.4	11.1	9.3	3.8	3.0	87.9
1973	5.0	7.0	10.0	7.7	11.7	8.8	10.9	12.6	12.7	10.4	6.4	4.1	107.3
1974	8.2	9.8	16.0	5.4	12.7	20.0	12.8	14.7	16.2	11.4	8.0	7.0	132.2
1975	8.0	11.0	11.1	10.0	13.8	17.6	14.7	19.7	17.0	10.1	6.5	4.5	144.0
1976	10.4	11.8	11.2	13.0	13.8	14.7	15.9	18.8	17.2	9.7	11.6	6.6	154.7
1977(b)	14.1	10.9	10.5	11.5	15.5	15.1	16.7	18.5	15.7	14.9	9.3	7.5	160.2

(a) Monthly sales may not equal year's total because of rounding errors. Sales are valued at dealers' buying prices.
 (b) Preliminary.

Source: Statistics Canada, Farm Implement and Equipment Sales, Catalogue No. 63-009.

TABLE 17A. CANADA, FARM EQUIPMENT WHOLESALERS' MONTHLY INVENTORIES (a), 1961-77

Year	Monthly Inventories												Average Monthly Inv.	Annual Sales(b) to Average Monthly Inventory(c) Ratio
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
\$000,000														
1961	-	-	-	-	-	-	-	-	-	81.9	-	-	81.9	2.9
1962	-	-	-	-	-	-	-	-	-	97.5	-	-	97.5	2.9
1963	-	-	-	-	-	-	-	-	-	107.8	-	-	107.8	3.1
1964	-	-	-	-	-	-	-	-	-	113.6	-	-	113.6	3.3
1965	-	-	-	-	-	-	-	-	-	128.3	-	-	128.3	3.3
1966	-	-	-	-	-	-	-	-	-	172.9	-	-	172.9	2.8
1967	172.4	167.0	187.1	206.3	200.2	181.3	209.7	210.4	226.0	214.8	216.3	215.5	215.5	2.3
1968	218.2	219.0	218.5	234.5	236.2	221.1	220.9	217.3	219.5	212.8	208.5	216.1	220.2	2.0
1969	222.2	226.0	231.5	234.8	218.7	203.2	162.9	169.0	176.0	158.0	172.6	184.0	196.6	2.1
1970	172.4	183.2	186.6	181.8	170.1	163.1	161.7	146.2	138.4	134.1	137.0	122.3	158.0	2.2
1971	125.8	133.3	137.0	125.5	120.3	114.0	107.4	97.5	99.8	106.5	111.5	116.7	116.3	3.5
1972	117.9	119.8	118.5	118.1	116.9	108.4	110.0	114.6	104.2	105.5	104.1	105.1	111.9	4.5
1973	111.8	120.6	120.2	120.1	124.1	122.6	125.2	119.7	115.5	105.2	106.2	101.7	116.1	5.9
1974	111.1	118.5	122.9	117.4	114.3	111.5	107.3	107.6	117.5	130.2	144.5	136.6	120.0	7.1
1975	151.3	170.4	167.1	183.6	182.1	190.1	191.8	192.7	175.3	194.9	208.1	125.4	177.7	6.3
1976	132.7	144.3	155.9	159.9	163.9	161.1	161.3	154.9	158.1	167.2	173.1	169.2	158.5	8.2
1977	179.7	192.9	199.7	202.5	206.1	207.5	206.9	196.8	189.5	180.4	164.0	155.7	190.1	6.5

(a) Wholesale outlets of manufacturers that do not keep separate accounts are excluded. However, these figures still give a good indication of the trends. Inventories are month-end inventories.

(b) Annual Sales estimates were taken from Table 14 and include equipment and repair parts.

(c) The ratios from 1961 to 1966 inclusive are based on the year-end inventory estimates. Monthly estimates are not available.

Source: 1961 to 1970: Statistics Canada, Wholesale Trade, Catalogue No. 63-521 occasional.

1971 to 1975: Statistics Canada, Wholesale Trade, Catalogue No. 63-008 monthly.

TABLE 17B. CANADIAN FARM MACHINERY DEALERS, FINANCIAL STATISTICS, 1960-75

Year (a)	Net After-Tax Profits as Percent of Sales (b)	Net After-Tax Profit as Percent of Net Worth (c)	Returns (d) as Percent of Total Assets (e)	Cost of Sales as Percent of Sales
1960	3.5	14.2	n.a.	n.a.
1961	2.5	12.7	n.a.	n.a.
1962	2.8	12.3	n.a.	n.a.
1963	2.5	14.7	n.a.	n.a.
1964	2.4	14.4	n.a.	n.a.
1965	2.1	13.6	n.a.	n.a.
1966	2.4	17.7	n.a.	90.1
1967	1.7	11.7	n.a.	91.6
1968	1.6	10.1	7.6	n.a.
1969	0.5	2.8	4.3	83.3
1970	-1.4	-7.7	1.1	84.7
1971	2.2	13.2	6.2	85.0
1972	2.3	17.3	7.6	85.1
1973	3.1	23.9	10.5	85.6
1974	4.0	32.1	13.5	85.0
1975	3.2	26.2	10.3	85.2

- (a) Before 1965 the figures included data from electrical machinery dealers as well as farm machinery dealers.
- (b) Net After Tax Profits = income remaining after all expenses (including interest on debt, depreciation and income taxes) have been deducted. It would be the same as Net Operating Profits in Table 49A if income taxes were deducted from the latter.
- (c) Net worth = common and preferred shares outstanding, preferred earnings and other surplus accounts.
- (d) Returns = Net After Tax profit with all interest expenses added back. Returns on Assets indicate relative profitability on total resources employed.
- (e) Total Assets = current, fixed and other assets, less accumulated depreciation.
- n.a. = not available.

Source: Canadian Imperial Bank of Commerce, Commercial letter, Issue No. 1, 1977 and previous issues.
 Statistics Canada, Corporation Financial Statistics,
 Catalogue No. 61-207, 1978.

SECTION III

STATISTICS RELATING TO THE CANADIAN AGRICULTURAL
IMPLEMENT MANUFACTURING INDUSTRY

TABLE 18. SELECTED STATISTICS ON THE CANADIAN AGRICULTURAL IMPLEMENT MANUFACTURING INDUSTRY, 1960-75

Year	Manufacturing Activity									
	Production and Related					Value of Farm				
	No. of Estab- lishments	No.	Workers		Value Added Manufac- turing	Value of Total Shipments of Own Manufac- ture	Value of Shipments of Farm Imple- ments	Value as % of Total Value of Ship- ments	Total Activity	
			Man- hours paid	Wages					Total Employ- ment	Total Wages & Salaries Added
			- 000 -	-	\$000	-	-	- % -	- No. -	- \$000 -
1960	68	n.a.	n.a.	n.a.	n.a.	152,123	136,599	89.8	10,924	52,701
1961	67	6,986	14,309	31,072	61,173	138,981	116,818	84.1	10,058	46,316
1962	70	7,331	15,182	34,879	64,713	140,820	112,328	79.8	9,949	48,896
1963	82	8,623	18,354	44,054	87,276	182,767	149,309	81.7	11,160	58,380
1964	94	9,569	20,488	51,496	114,022	243,963	183,219	75.1	12,474	68,448
1965	96	10,599	22,310	56,261	126,743	285,099	210,308	73.8	13,721	75,610
1966	105	11,332	24,248	64,216	140,615	328,332	246,329	75.0	14,498	85,252
1967	113	11,307	24,418	66,587	137,371	323,433	242,169	74.9	14,553	89,232
1968	117	8,978	19,090	55,297	120,363	270,057	197,740	73.2	12,107	78,905
1969	124	9,023	19,302	61,753	122,964	289,734	227,697	78.6	12,063	86,439
1970	123	7,049	14,804	50,020	102,998	226,724	169,280	74.7	9,816	74,818
1971	130	6,385	13,174	48,706	102,314	239,714	203,736	85.0	9,888	71,872
1972	132	7,909	16,625	64,876	141,008	317,163	258,004	81.4	10,638	91,929
1973	135	10,472	21,690	97,547	184,750	423,380	344,805	81.4	13,477	130,918
1974	143	11,873	24,931	123,519	270,032	571,912	451,838	79.0	15,194	164,219
1975	147	13,097	27,573	156,658	325,516	762,104	606,825	79.6	16,629	205,256
										343,515

Source: Statistics Canada, Agricultural Implement Industry, Catalogue No. 42-202.

TABLE 19. MONTHLY INVENTORIES AND SHIPMENT-INVENTORY RATIOS IN THE CANADIAN AGRICULTURAL IMPLEMENT MANUFACTURING INDUSTRY, 1962-77

Year	Monthly Inventories												Average Monthly Inventories	Annual Shipments	Ratio of Annual Shipments to Average Monthly Inventories (a)
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
	\$000 000														
1962	35.1	36.2	35.5	33.6	32.2	28.2	27.2	26.9	30.0	38.1	40.1	44.0	33.9	140.8	4.15
1963	43.8	45.2	44.7	42.4	43.0	40.8	37.4	37.3	38.8	44.8	46.4	50.6	42.9	182.7	4.26
1964	51.1	51.8	50.1	49.7	48.2	47.7	46.6	47.6	50.1	52.8	55.9	60.0	51.0	244.0	4.79
1965	59.4	61.8	61.0	58.2	57.7	54.9	52.4	53.6	55.7	60.2	63.0	68.7	58.9	285.1	4.84
1966	70.4	69.0	64.8	59.8	57.6	55.2	50.8	54.3	55.8	78.1	79.6	85.4	65.1	328.3	5.05
1967	82.4	83.3	84.8	83.4	77.6	74.4	69.6	69.5	70.3	69.9	76.4	75.3	76.4	323.4	4.23
1968	76.7	75.4	75.2	74.0	74.9	74.1	69.2	70.6	70.1	72.6	79.9	84.1	74.8	270.1	3.61
1969	86.6	85.6	84.8	81.8	81.0	77.2	73.6	73.4	75.1	74.3	76.3	77.6	78.9	289.7	3.67
1970	81.0	81.8	79.9	78.0	77.1	73.8	72.6	72.6	71.0	75.0	81.5	85.2	77.4	226.7	2.92
1971	85.0	85.4	83.0	81.5	77.1	29.2	64.3	60.7	63.0	69.7	76.8	83.4	74.9	239.7	3.20
1972	82.0	81.1	84.5	81.7	80.3	77.8	74.8	74.1	76.2	84.1	94.0	104.2	82.9	317.2	3.83
1973	110.0	116.7	113.6	110.7	107.8	106.0	102.8	103.2	105.6	116.0	129.9	140.5	113.6	423.4	3.73
1974	143.5	148.3	154.3	161.9	165.0	156.9	157.0	169.3	174.6	181.6	193.2	211.1	168.1	571.9	3.40
1975	227.8	228.7	241.2	232.9	229.6	227.0	228.8	219.3	212.7	236.3	233.4	245.3	230.3	762.1	3.31
1976	244.2	241.0	238.6	230.9	219.3	206.9	205.7	192.9	197.2	221.0	250.1	268.8	226.4	817.1	3.61
1977	263.4	252.8	256.5	254.5	250.0	234.6	223.8	219.5	217.8	214.7	237.9	246.0	239.3	798.2	3.34

(a) Average inventory turnover rate; the monthly inventories are month-end inventories.

Source: Statistics Canada, Inventories, Shipments and Orders in Manufacturing Industries, Catalogue No. 31-001, monthly.
Statistics Canada, Historical Supplements 1970-73 and 1972-74, Catalogue No. 31-519, occasional.

TABLE 20. SELECTED CHARACTERISTICS OF CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY BY SIZE OF ESTABLISHMENT, 1960-75 (Cont.)

Year	Characteristic	Unit	Distribution by Establishment Size (i.e., No. of Employees)					
			All Establishments	500 & over	200-499	100-199	50-99	Fewer than 50
1960	1. Establishments	No.	68	n.a.	n.a.	n.a.	n.a.	n.a.
	2. Value Added in Mfg. Activity	\$000,000	61.7	n.a.	n.a.	n.a.	n.a.	n.a.
	3. Total Employees (a)	No.	10,924	n.a.	n.a.	n.a.	n.a.	n.a.
	4. Employees in Mfg. Activity	No.	7,879	n.a.	n.a.	n.a.	n.a.	n.a.
	5. Man-Hours Paid	000 hr	14,309	n.a.	n.a.	n.a.	n.a.	n.a.
1961	1. Establishments	No.	67	4	3	2	8	50
	2. Value Added in Mfg. Activity	\$000,000	61.2	43.1	7.0	2.0	4.5	4.6
	3. Total Employees (a)	No.	10,058	7,641	1,017	223	550	627
	4. Employees in Mfg. Activity	No.	6,986	5,282	658	154	412	480
	5. Man-Hours Paid	000 hr	14,309	10,805	1,390	359	817	937
1962	1. Establishments	No.	70	4	2	6	7	51
	2. Value Added in Mfg. Activity	\$000,000	64.7	43.3	6.7	5.6	4.3	4.7
	3. Total Employees (a)	No.	9,949	7,289	769	802	438	651
	4. Employees in Mfg. Activity	No.	7,331	5,415	449	650	344	473
	5. Man-Hours Paid	000 hr	15,182	11,266	947	1,316	711	943
1963	1. Establishments	No.	82	4	3	4	8	63
	2. Value Added in Mfg. Activity	\$000,000	87.3	58.1	11.9	5.0	6.2	6.0
	3. Total Employees (a)	No.	11,160	8,102	1,090	602	613	753
	4. Employees in Mfg. Activity	No.	8,623	6,375	729	484	469	566
	5. Man-Hours Paid	000 hr	18,354	13,794	1,401	1,017	988	1,155
1964	1. Establishments	No.	94	5	6	3	10	70
	2. Value Added in Mfg. Activity	\$000,000	115.0	78.5	19.4	3.8	6.3	7.0
	3. Total Employees (a)	No.	12,474	8,673	1,828	429	734	810
	4. Employees in Mfg. Activity	No.	9,569	6,711	1,429	270	552	607
	5. Man-Hours Paid	000 hr	20,488	14,364	3,094	596	1,154	1,281
1965	1. Establishments	No.	96	6	5	5	9	71
	2. Value Added in Mfg. Activity	\$000,000	126.7	91.6	13.4	8.5	6.1	7.1
	3. Total Employees (a)	No.	13,721	9,895	1,547	668	644	967
	4. Employees in Mfg. Activity	No.	10,599	7,686	1,214	505	451	743
	5. Man-Hours Paid	000 hr	22,310	16,100	2,618	1,082	952	1,559

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TABLE 20. SELECTED CHARACTERISTICS OF CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY BY SIZE OF ESTABLISHMENT, 1960-75 (CONT.)

Year	Characteristic	Unit	Distribution by Establishment Size (i.e., No. of Employees)					
			All Establishments	500 & over	200-499	100-199	50-99	Fewer than 50
1966	1. Establishments	No.	105	6	6	4	11	78
	2. Value Added in Mfg. Activity	\$000,000	140.6	101.9	18.1	5.0	7.4	8.3
	3. Total Employees (a)	No.	14,498	10,284	1,887	531	808	988
	4. Employees in Mfg. Activity	No.	11,332	8,036	1,516	429	606	745
	5. Man-Hours Paid	000 hr	24,248	17,164	3,298	906	1,300	1,580
1967	1. Establishments	No.	113	7	4	8	7	87
	2. Value Added in Mfg. Activity	\$000,000	137.4	103.1	8.7	8.4	6.6	10.5
	3. Total Employees (a)	No.	14,553	10,687	1,148	1,025	520	1,173
	4. Employees in Mfg. Activity	No.	11,307	8,339	870	813	397	880
	5. Man-Hours Paid	000 hr	24,418	18,128	1,823	1,695	865	1,908
1968	1. Establishments	No.	117	n.a.	n.a.	n.a.	n.a.	n.a.
	2. Value Added in Mfg. Activity	\$000,000	120.4	n.a.	n.a.	n.a.	n.a.	n.a.
	3. Total Employees (a)	No.	12,107	n.a.	n.a.	n.a.	n.a.	n.a.
	4. Employees in Mfg. Activity	No.	8,978	n.a.	n.a.	n.a.	n.a.	n.a.
	5. Man-Hours Paid	000 hr	19,090	n.a.	n.a.	n.a.	n.a.	n.a.
1969	1. Establishments	No.	124	7	-	20(b)	-	9.7
	2. Value Added in Mfg. Activity	\$000,000	123.0	87.3	-	23.4(b)	-	12.2
	3. Total Employees (a)	No.	12,063	8,259	-	2,558(b)	-	1,246
	4. Employees in Mfg. Activity	No.	9,023	6,262	-	1,835(b)	-	926
	5. Man-Hours Paid	000 hr	19,302	13,282	-	4,100(b)	-	1,920
1970	1. Establishments	No.	123	7	6(c)	-	11	99
	2. Value Added in Mfg. Activity	\$000,000	103.0	75.0	10.4(c)	-	7.8	9.8
	3. Total Employees (a)	No.	9,816	6,850	1,009(c)	-	845	1,112
	4. Employees in Mfg. Activity	No.	7,049	4,898	701(c)	-	559	891
	5. Man-Hours Paid	000 hr	14,804	10,200	1,538(c)	-	1,183	1,883
1971	1. Establishments	No.	130	5	3	5	12	81
	2. Value Added in Mfg. Activity	\$000,000	102.3	62.8	11.0	9.1	8.2	11.2
	3. Total Employees (a)	No.	8,888	5,047	1,202	679	832	1,128
	4. Employees in Mfg. Activity	No.	6,385	3,636	778	528	554	889
	5. Man-Hours Paid	000 hr	13,174	7,380	1,609	1,164	1,152	1,870

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TABLE 20. SELECTED CHARACTERISTICS OF CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY BY SIZE OF ESTABLISHMENT, 1960-75 (Conc.)

Year	Characteristic	Unit	Distribution by Establishment Size (i.e., No. of Employees)					
			All Establishments	500 & over	200-499	100-199	50-99	Fewer than 50
1972	1. Establishments	No.	132	7	3	5	15	102
	2. Value Added in Mfg. Activity	\$000,000	141.0	93.7	13.3	9.2	13.0	11.9
	3. Total Employees (a)	No.	10,638	6,781	930	698	1,073	1,156
	4. Employees in Mfg. Activity	No.	7,909	5,038	682	499	764	926
	5. Man-Hours Paid	000 hr	16,625	10,558	1,446	1,060	1,604	1,957
1973	1. Establishments	No.	135	7	4	9	13	102
	2. Value Added in Mfg. Activity	\$000,000	184.8	138.7(d)	-	16.0	13.2	16.8
	3. Total Employees (a)	No.	13,477	9,818(d)	-	1,171	1,089	1,399
	4. Employees in Mfg. Activity	No.	10,472	7,632(d)	-	828	844	1,168
	5. Man-Hours Paid	000 hr	21,690	15,759(d)	-	1,683	1,780	2,467
1974	1. Establishments	No.	143	8	6	7	16	106
	2. Value Added in Mfg. Activity	\$000,000	270.0	185.7	24.6	16.8	19.6	23.3
	3. Total Employees (a)	No.	15,194	10,163	1,632	888	1,100	1,411
	4. Employees in Mfg. Activity	No.	11,873	8,065	1,218	611	850	1,129
	5. Man-Hours Paid	000 hr	24,931	16,789	2,567	1,270	1,873	2,433
1975	1. Establishments	No.	147	8	5	10	18	106
	2. Value Added in Mfg. Activity	\$000,000	325.5	195.5(e)	59.7(f)	23.9	21.2	25.2
	3. Total Employees (a)	No.	16,629	9,527(e)	3,254(f)	1,278	1,205	1,365
	4. Employees in Mfg. Activity	No.	13,097	7,678(e)	2,397(f)	947	921	1,154
	5. Man-Hours Paid	000 hr	27,573	16,190(e)	4,987(f)	2,003	1,964	2,430

- (a) Head office employees included in "500 and over".
 (b) These figures include establishments with 250 - 499 employees.
 (c) These figures include establishments with 100 - 499 employees.
 (d) These figures include establishments with 200 and over employees.
 (e) These figures include establishments with 1,000 or more employees.
 (f) These figures include establishments with 200-999 employees.

Source: Statistics Canada, Agricultural Implement Industry, Catalogue No. 42-202.

TABLE 21. CONCENTRATION OF PRODUCTION AND EMPLOYMENT IN CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY, 1960-75

Characteristic	Year	Percentage Distribution by Establishment Size				
		All Establishments	500 and over	200-499	100-199	50-99 Fewer than 50
1. Value Added by Manufacturing						
	1960	100.0	n.a.	n.a.	n.a.	n.a.
	1961	100.0	70.4	11.4	3.4	7.5
	1962	100.0	66.9	10.4	8.7	7.3
	1963	100.0	66.6	13.6	5.7	6.9
	1964	100.0	68.9	17.0	3.3	6.1
	1965	100.0	72.3	10.6	6.7	5.6
	1966	100.0	72.5	12.9	3.5	5.9
	1967	100.0	75.1	6.3	6.1	7.7
	1968	100.0	n.a.	n.a.	n.a.	n.a.
	1969	100.0	71.0	-	19.0(a)	10.0
	1970	100.0	72.8	10.1(b)	-	9.5
	1971	100.0	61.3	10.8	8.9	11.0
	1972	100.0	66.5	9.4	6.5	8.4
	1973	100.0	75.1(c)	-	8.7	9.1
	1974	100.0	68.8	9.1	6.2	8.6
	1975	100.0	60.1(d)	18.3(e)	7.3	7.8
2. Total Number of Employees						
	1960	100.0	n.a.	n.a.	n.a.	n.a.
	1961	100.0	76.0	10.1	2.2	7.8
	1962	100.0	73.3	7.7	8.1	6.5
	1963	100.0	72.8	9.8	5.4	6.6
	1964	100.0	69.5	14.6	3.5	6.5
	1965	100.0	72.1	11.3	4.9	7.0
	1966	100.0	70.9	13.0	3.7	6.8
	1967	100.0	73.4	7.9	7.0	8.1
	1968	100.0	n.a.	n.a.	n.a.	n.a.
	1969	100.0	68.5	-	21.2(a)	10.3
	1970	100.0	69.8	10.3(b)	-	11.3
	1971	100.0	56.8	13.5	7.6	12.7
	1972	100.0	63.7	8.7	6.6	10.9
	1973	100.0	72.9(c)	-	8.1	10.4
	1974	100.0	66.9	10.7	5.8	9.3
	1975	100.0	57.3(d)	19.6(e)	7.7	8.2

(a) See Footnote b, Table 20.

(b) See Footnote c, Table 20.

(c) See Footnote d, Table 20.

(d) Establishments with 1,000 or more employees.

(e) Establishments with 200 to 999 employees.

Source: Table 20.

TABLE 22. GEOGRAPHICAL DISTRIBUTION OF THE AGRICULTURAL IMPLEMENT INDUSTRY ACROSS CANADA, 1960-75

Characteristics	Year	Distribution by Region						B.C.	Total(a)	
		Atlantic	Quebec	Ontario	Manitoba	Sask.	Alberta			
No.										
1. Number of Establishments	1960	-	11	27	14	7	7	3	69	
	1961	-	11	27	15	5	7	2	67	
	1962	-	10	30	15	6	7	3	70	
	1963	1	9	36	15	9	9	3	82	
	1964	1	11	38	17	13	11	3	94	
	1965	-	11	40	16	13	13	3	96	
	1966	3	12	37	19	16	15	3	105	
	1967	3	12	40	21	17	17	3	113	
	1968	3	12	43	21	20	15	3	117	
	1969	4	12	44	24	21	16	3	124	
	1970	4	12	41	25	22	16	3	123	
	1971	4	12	45	24	23	18	4	130	
	1972	4	12	47	23	26	16	4	132	
	1973	4	16	52	21	24	14	4	135	
	1974	3	17	54	22	26	17	4	143	
	1975	3	18	51	22	28	20	5	147	
\$000										
2. Value Added by Manufacturing Activity	1960	-	1,937	54,267	4,183	516	820	50	61,773	
	1961	-	2,010	52,455	3,732	765	1,131(b)	-	60,093	
	1962	-	2,970	53,669	4,783	1,330	1,961(b)	-	64,713	
	1963	n.a.	3,224	72,468	7,515	1,741	2,201	n.a.	87,276	
	1964	n.a.	3,347	94,372	10,129	2,024	3,969	n.a.	114,022	
	1965	-	3,866	100,216	13,715	2,981	5,783	182	126,743	
	1966	225	4,499	111,453	17,460	3,006	3,831	141	140,615	
	1967	n.a.	5,227	103,340	19,547	4,655	3,651	n.a.	137,371	
	1968	n.a.	5,290	86,967	16,904	6,062	2,939	n.a.	120,363	
	1969	n.a.	5,872	90,240	16,043	5,750	3,708	n.a.	122,964	
	1970	n.a.	5,041	75,811	12,848	5,006	2,275	n.a.	102,998	
	1971	n.a.	2,904	75,343	11,826	7,409	3,223	n.a.	102,314	
	1972	n.a.	n.a.	101,909	18,276	12,333	3,091	436	141,008	
	1973	n.a.	n.a.	128,831	25,690	16,900	4,360	588	184,752	
	1974	n.a.	8,256	171,597	58,476	22,100	8,223	n.a.	270,032	
	1975	n.a.	9,743	204,844	69,408	31,274	8,708	927	325,516	

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TABLE 22. GEOGRAPHICAL DISTRIBUTION OF THE AGRICULTURAL IMPLEMENT INDUSTRY ACROSS CANADA, 1960-75 (Conc.)

Characteristics	Year	Distribution by Region						Total(a)	
		Atlantic	Quebec	Ontario	Manitoba	Sask.	Alberta		B.C.
		No.							
3. Total Number of Employees	1960	-	265	9,960	537	42	114	11	10,929
	1961	-	296	9,466	528	52	145 (b)	-	10,487
	1962	18	376	8,445	639	138	333 (b)	-	9,949
	1963	n.a.	370	9,355	856	183	377	n.a.	11,160
	1964	n.a.	441	10,096	1,144	223	552	n.a.	12,474
	1965	-	466	10,923	1,398	318	599	17	13,721
	1966	27	598	11,310	1,677	361	508	17	14,498
	1967	n.a.	629	10,961	1,980	378	489	n.a.	14,553
	1968	n.a.	660	8,668	1,670	468	432	n.a.	12,107
	1969	n.a.	656	8,656	1,664	447	471	n.a.	12,063
	1970	n.a.	604	6,994	1,387	381	286	n.a.	9,816
	1971	n.a.	355	6,340	1,280	459	317	n.a.	8,888
	1972	n.a.	n.a.	7,480	1,598	751	321	35	10,638
	1973	n.a.	n.a.	9,215	2,129	1,035	383	45	13,477
	1974	n.a.	566	10,109	2,755	1,296	391	n.a.	15,194
1975	n.a.	542	10,555	3,278	1,699	460	59	16,629	

(a) Totals may not equal sum of individual provinces because of rounding.

(b) Includes figures for British Columbia.

Source: Statistics Canada, Agricultural Implement Industry, Catalogue No. 42-202.

TABLE 23. GEOGRAPHICAL CONCENTRATION OF THE AGRICULTURAL IMPLEMENT INDUSTRY ACROSS CANADA, 1960-75

Characteristic	Year	Percentage Distribution by Region							Total
		Atlantic	Quebec	Ontario	Manitoba	Sask.	Alberta	B.C.	
1. Establishments	1960	-	15.9	39.2	20.3	10.1	10.1	4.4	100
	1961	-	16.4	40.3	22.4	7.5	10.4	3.0	100
	1962	-	14.3	42.9	21.4	8.6	10.0	2.8	100
	1963	1.2	11.0	43.9	18.3	11.0	11.0	3.6	100
	1964	1.1	11.7	40.4	18.1	13.8	11.7	3.2	100
	1965	-	11.5	41.7	16.7	13.5	13.5	3.1	100
	1966	2.9	11.4	35.2	18.1	15.2	14.3	2.8	100
	1967	2.7	10.6	35.4	18.6	15.0	15.0	2.7	100
	1968	2.6	10.2	36.7	18.0	17.1	12.8	2.6	100
	1969	3.2	9.7	35.5	19.4	16.9	12.9	2.4	100
	1970	3.3	9.8	33.3	20.3	17.9	13.0	2.4	100
	1971	3.1	9.2	34.6	18.5	17.7	13.8	3.1	100
	1972	3.0	9.1	35.7	17.4	19.7	12.1	3.0	100
	1973	3.0	11.9	38.5	15.6	17.7	10.3	3.0	100
	1974	2.1	11.9	37.8	15.4	18.2	11.8	2.8	100
	1975	2.0	12.2	34.7	15.0	19.1	13.6	3.4	100
2. Value Added by Manufacturing Activity	1960	-	3.1	87.9	6.8	0.8	1.3	0.1	100
	1961	-	3.3	87.3	6.2	1.3	1.9(a)	-	100
	1962	-	4.6	82.9	7.4	2.1	3.0(a)	-	100
	1963	n.a.	3.7	83.0	8.6	2.0	2.5	n.a.	100
	1964	n.a.	2.9	82.8	8.9	1.8	3.5	n.a.	100
	1965	-	3.1	79.1	10.8	2.4	4.5	0.1	100
	1966	0.1	3.2	79.3	12.4	2.1	2.7	0.1	100
	1967	n.a.	3.7	75.1	14.2	3.4	2.6	n.a.	100
	1968	n.a.	4.4	72.2	14.0	5.0	2.4	n.a.	100
	1969	n.a.	4.8	73.4	13.1	4.7	3.0	n.a.	100
	1970	n.a.	4.9	73.6	12.5	4.8	2.2	n.a.	100
	1971	n.a.	2.9	75.1	11.8	7.4	3.2	n.a.	100
	1972	n.a.	n.a.	72.3	13.0	8.7	2.2	0.3	100
	1973	n.a.	n.a.	69.7	13.9	9.2	2.4	0.3	100
	1974	n.a.	3.1	63.6	21.7	8.2	3.1	n.a.	100
	1975	n.a.	3.0	62.9	21.3	9.6	2.7	0.3	100

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TABLE 23. GEOGRAPHICAL CONCENTRATION OF THE AGRICULTURAL IMPLEMENT INDUSTRY ACROSS CANADA, 1960-75 (Conc.)

Characteristic	Year	Percentage Distribution by Region							Total
		Atlantic	Quebec	Ontario	Manitoba	Sask.	Alberta	B.C.	
3. Total Employment	1960	-	2.4	91.1	4.9	0.4	1.1	0.1	100
	1961	-	2.8	90.3	5.0	0.5	1.4(a)	-	100
	1962	0.2	3.8	84.9	6.4	1.4	3.4(a)	-	100
	1963	n.a.	3.3	83.8	7.7	1.6	3.4	n.a.	100
	1964	n.a.	3.5	80.9	9.2	1.8	4.4	n.a.	100
	1965	-	3.4	79.6	10.2	2.3	4.4	0.1	100
	1966	0.2	4.1	78.0	9.5	2.6	3.5	0.1	100
	1967	n.a.	4.3	75.3	13.6	2.6	3.4	n.a.	100
	1968	n.a.	5.5	71.6	13.8	3.9	3.6	n.a.	100
	1969	n.a.	5.4	71.7	13.8	3.7	3.9	n.a.	100
	1970	n.a.	6.2	71.2	14.1	3.9	2.9	n.a.	100
	1971	n.a.	4.0	71.3	14.4	5.2	3.6	n.a.	100
	1972	n.a.	n.a.	70.3	15.0	7.1	3.0	0.3	100
	1973	n.a.	n.a.	68.4	15.8	7.7	2.8	0.3	100
	1974	n.a.	3.7	66.5	18.1	8.5	2.6	n.a.	100
	1975	n.a.	3.3	63.5	19.7	10.2	2.8	0.4	100

(a) Includes figures for British Columbia.

Source: Table 22.

TABLE 24. VALUE OF PRODUCTS MANUFACTURED BY THE CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY, 1960-75

Year	Total Shipments of Farm Machinery (a)	Factory Shipments													
		Ploughs	Tilling, Cultivating and Weeding	Planting, Seeding, and Fertilizing	Haying	Harvesting Machinery				Machines for Crop Preparation	Other Machines	Parts and Accessories			
						Combines	Swathers								
							Others								

(a) Totals may not equal the sum of the individual categories because of rounding. Also, small establishments and farm machinery manufactured in industries designated other than "Agricultural Implement Industry", have not been included. The introduction in each issue of Statistics Canada's publication, Catalogue No. 42-202, gives adjustment ratios to account for smaller establishments and farm machinery manufactured in other establishments. For reasons of confidentiality, shipment values for tractors are included in "Other Machines". For the same reason, the dollar value of combine shipments is sometimes included with "Other Harvesting Equipment" or "Other Machines".

Source: Statistics Canada, Agricultural Implement Industry, Catalogue No. 42-202.

TABLE 25. PRODUCT SPECIALIZATION IN THE CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY, 1960-75

Year	Ploughs	Tilling, Cultivating and weeding	Planting, Seeding, and Fertilizing	Haying	% of total shipments			Machines for Crop Preparation	Other Machines	Parts and Access- ories
					Combines	Harvesting Swathers	Others			
1960	4.0	8.4	7.5	13.0	30.1	4.2	1.7	1.1	15.5	14.4
1961	6.2	11.1	7.6	12.5	27.2	4.2	4.3	1.3	13.7	11.9
1962	5.7	8.2	9.0	16.0	n.a.	7.8	2.6	1.3	37.0	12.4
1963	6.6	7.9	8.2	14.0	n.a.	10.1	2.2	1.6	38.0	11.4
1964	5.7	7.6	6.9	9.1	n.a.	10.7	5.7	1.6	45.3	7.4
1965	5.2	8.7	5.9	7.6	n.a.	11.1	4.4	1.5	47.2	8.0
1966	4.6	7.7	5.6	6.5	n.a.	10.3	5.8	1.3	49.5	8.7
1967	4.7	10.2	5.9	5.7	34.4	11.8	3.0	1.5	12.8	10.0
1968	3.9	10.3	5.9	7.0	31.1	14.0	4.0	2.2	10.8	10.8
1969	3.7	7.4	5.1	6.5	27.9	12.4	3.5	1.9	9.4	22.2
1970	2.1	9.3	7.8	7.9	19.2	15.3	3.5	1.7	10.8	22.3
1971	2.3	9.1	5.4	7.5	n.a.	12.7	19.9	1.3	16.3	25.5
1972	2.6	9.6	6.4	7.1	n.a.	10.5	25.4	1.7	14.6	22.1
1973	1.8	10.8	2.6	7.0	20.4	8.2	2.0	1.2	36.4	9.6
1974	2.2	11.1	3.2	6.5	n.a.	7.3	26.1	1.0	33.4	9.3
1975	1.8	12.2	2.7	5.2	n.a.	9.2	26.5	0.7	33.2	8.5

Source: Computed from Table 24.

TABLE 26. OWNERSHIP AND CONTROL OF THE CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY, 1968-74

Year	Total Capital (a) Employed in Canada	Ownership (b)				Control (c)			
		Investment Owned in		Percentage of Capital Owned in		Investment Controlled in		Percentage of Capital Controlled in	
		Canada	Other Countries	Canada	Other Countries	Canada	Other Countries	Canada	Other Countries
-	-	\$ millions	-	%	%	- \$ millions	-	%	%
1968	254	108	146	42	58	136	118	53	47
1969	265	95	170	36	64	122	143	46	54
1970	232	83	149	36	64	104	128	45	55
1971	239	80	159	34	66	100	139	42	58
1972	267	91	176	34	66	114	153	43	57
1973	264	84	180	32	68	94	170	36	64
1974	295	106	189	36	64	110	185	37	63

(a) "Capital" means long-term debentures including book value of equity (stock and increases in retained earnings). Here it is equated to investment.

(b) "Ownership" measures the proportions of total long-term capital owned by Canadian or non-Canadian parties and employed in the industry.

(c) "Control" of a company is assigned to the country in which a controlling proportion of voting shares is held.

Source: Statistics Canada Daily, December 16, 1977; August 17, 1976 and April 21, 1975.

TABLE 27A. PRODUCTIVITY IN CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY BY SIZE OF ESTABLISHMENT, 1960-75

Factor	Year	Value Added (Current \$) per Worker or Hour Paid					Value Added (Deflated \$) per Worker or Hour Paid(a)				
		All Estab-lish-ment (b)	500 and more Employ-ees	200-499 Employ-ees	100-199 Employ-ees	Fewer than 50 Employ-ees	All Estab-lish-ment (b)	500 and more Employ-ees	200-499 Employ-ees	100-199 Employ-ees	Fewer than 50 Employ-ees
\$											
1. Value Added Per Production Worker	1960	7,826	n.a.	n.a.	n.a.	n.a.	7,969	n.a.	n.a.	n.a.	n.a.
	1961	8,757	8,165	10,675	12,760	10,830	8,757	8,165	10,675	12,760	10,830
	1962	8,827	8,005	14,864	8,688	12,392	8,658	7,848	14,572	8,517	12,148
	1963	10,121	9,113	16,391	10,324	13,179	9,751	8,779	15,792	9,946	12,697
	1964	11,916	11,704	13,596	13,878	11,422	11,265	11,265	13,086	13,356	10,993
	1965	11,958	11,912	11,026	16,962	13,647	11,367	11,323	10,480	16,125	12,945
	1966	12,409	12,677	11,914	11,546	12,253	11,468	11,716	11,011	10,671	11,323
	1967	12,149	12,364	10,035	10,338	16,630	11,025	11,220	9,106	9,381	15,091
	1968	13,406	n.a.	n.a.	n.a.	n.a.	11,729	n.a.	n.a.	n.a.	n.a.
	1969	13,628	13,945	-	12,754(c)	-	11,500	11,768	-	10,763(c)	-
	1970	14,610	15,316	14,772(d)	-	13,896	11,966	12,542	12,098(d)	-	11,381
	1971	16,024	17,278	14,076	17,189	14,651	12,768	13,768	11,216	13,697	11,885
	1972	17,829	18,590	19,506	18,353	17,034	13,695	14,278	14,981	14,096	13,083
	1973	17,642	17,706(e)	-	19,327	15,705	12,896	12,943(e)	-	14,128	11,480
1974	22,743	23,040	20,221	27,632	23,025	14,533	14,722	12,921	17,656	14,712	
1975	24,854	25,468(f)	24,912(g)	25,257	22,968	13,109	13,432(f)	13,139(g)	13,321	12,114	
2. Value Added Per Man-Hour Paid	1960	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
2. Man-Hour Paid	1961	4.28	3.99	5.05	5.47	5.46	4.28	3.99	5.05	5.47	5.46
	1962	4.26	3.85	7.05	4.29	6.00	4.18	3.77	6.91	4.21	5.88
	1963	4.76	4.21	8.53	4.91	6.26	4.58	4.06	8.22	4.73	6.03
	1964	5.56	5.47	6.28	6.29	5.46	5.36	5.26	6.04	6.05	5.26
	1965	5.68	5.69	5.11	7.92	6.45	5.40	5.41	4.86	7.53	6.13
	1966	5.80	5.93	5.48	5.47	5.71	5.36	5.48	5.06	5.05	5.28
	1967	5.62	5.69	4.79	4.96	7.63	5.10	5.16	4.35	4.50	6.93
	1968	6.30	n.a.	n.a.	n.a.	n.a.	5.57	n.a.	n.a.	n.a.	n.a.
	1969	6.37	6.56	-	5.70(c)	-	5.38	5.55	-	4.82(c)	-
	1970	6.96	7.35	6.73(d)	-	6.56	5.70	6.02	5.51(d)	-	5.38
	1971	7.77	8.51	6.81	7.80	7.17	6.19	6.78	5.42	6.21	5.72
	1972	8.48	8.87	9.20	8.64	8.11	6.51	6.81	7.07	6.64	6.23
	1973	8.52	8.80(e)	-	9.51	7.45	6.23	6.43(e)	-	6.95	5.44
	1974	10.83	11.07	9.60	13.30	10.45	6.92	7.07	6.13	8.50	6.68
1975	11.80	12.08(f)	12.05(g)	11.94	10.77	6.22	6.37(f)	6.36(g)	6.30	5.68	

(a) Agricultural Implement Industry Selling Price Index is used to deflate the current values (1961=100). See Table 28.

(b) Totals may not equal sum of individual categories because of rounding.

(c) Includes establishments with 50 to 499 employees.

(d) Includes establishments with 100 to 499 employees.

(e) Includes establishments with 200 and more employees.

(f) Establishments with 1,000 or more employees.

(g) Establishments with 200-999 employees.

Source: Statistics Canada, Agricultural Implement Industry, Catalogue No. 42-202.

TABLE 27B. CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY FINANCIAL STATISTICS, 1960-75 (a)

Year	Net After Tax Profits as Percent of Sales	Net After Tax Profit as Percent of Net Worth	Returns as Percent of Total Assets (b)	Receivables as Percent of Sales (c)	Long-Term Debt as Percent of Equity	Ratio of Current Assets to Current Liabilities
1960	2.4	3.6	3.8	17.0	n.a.	n.a.
1961	3.9	8.9	8.0	14.4	n.a.	n.a.
1962	3.6	5.8	5.4	18.2	n.a.	n.a.
1963	4.8	8.2	7.5	15.0	n.a.	n.a.
1964	3.2	6.0	5.7	10.3	n.a.	n.a.
1965	3.4	11.1	n.a.	14.2	n.a.	n.a.
1966	4.6	15.5	n.a.	19.0	n.a.	n.a.
1967	3.1	10.1	n.a.	24.3	n.a.	n.a.
1968	4.3	11.4	9.3	24.8	18.2	2.0
1969	0.7	2.1	4.4	25.6	18.0	1.6
1970	-2.0	-4.7	2.1	23.6	15.0	1.8
1971	1.3	3.8	5.6	18.6	13.4	2.0
1972	4.6	14.7	10.0	20.8	15.2	2.0
1973	3.8	14.0	10.5	13.7	13.0	1.9
1974	3.9	16.2	10.3	n.a.	15.4	1.6
1975	3.9	17.8	12.0	n.a.	16.1	1.7

- (a) See Table 17b for explanation of terms; data are based on statistics from corporations in Canada.
- (b) 1960 to 1964 data refer to all assets except bonds, debentures, notes or other contractual obligations with terms of less than one year. Data from 1968 to 1975 include all current, fixed and other assets, less accumulated depreciation.
- (c) Receivables cover accounts receivable after deduction of reserve for bad debts. Loans to officers, shareholders and employees are not included.

Sources: Canadian Imperial Bank of Commerce, Commercial Letter, Issue No. 1, 1977 and previous issues.

Statistics Canada, Corporation Financial Statistics, Catalogue No. 61-207, 1978.

TABLE 28. CANADIAN AND U.S. AGRICULTURAL IMPLEMENT INDUSTRY PRODUCTION (a)*, 1960-75

Year	Value of Shipments				Value Added				Exchange Rate Canadian Cents per U.S. Dollar	U.S. Agric. Machinery Wholesale Price Index 1961=100	Canadian Agriculture Implement Industry Selling Price Index 1961=100
	Canada(b)		United States(c)		Canada(d)		United States(e)				
	Current	Deflated (f)	Current	Deflated (f)	Current	Deflated (f)	Current	Deflated (f)			
Can. \$000,000											
1960	181.0	184.3	2,097.7	2,136.2	89.5	91.1	912.8	929.5	97	98.2	98.2
1961	160.6	160.6	2,362.9	2,362.9	82.0	82.0	1,067.7	1,067.7	101	100.0	100.0
1962	162.1	158.9	2,655.7	2,601.1	85.0	83.3	1,290.3	1,263.8	107	102.1	102.0
1963	211.7	204.0	3,069.6	2,965.8	114.9	110.7	1,434.7	1,386.2	108	103.5	103.8
1964	272.2	262.0	3,460.4	3,292.5	136.2	131.1	1,648.2	1,568.2	108	105.1	103.9
1965	316.1	300.5	3,812.0	3,556.0	152.9	145.3	1,816.9	1,694.9	108	107.2	105.2
1966	364.3	336.7	4,678.6	4,237.9	172.2	159.2	2,221.7	2,012.4	108	110.4	108.2
1967	359.0	325.8	4,643.9	4,073.6	178.6	162.1	2,204.8	1,934.0	108	114.0	110.2
1968	299.8	262.3	4,644.4	3,919.3	156.5	136.9	2,196.7	1,853.8	108	118.5	114.3
1969	321.6	271.4	4,498.6	3,678.3	159.9	134.9	2,094.7	1,712.8	108	122.3	118.5
1970	251.7	206.1	4,505.6	3,495.4	133.9	109.7	1,982.9	1,538.3	104	128.9	122.1
1971	266.1	212.0	4,501.0	3,369.0	133.0	106.0	2,012.6	1,506.4	101	133.6	125.5
1972(g)	352.1	270.4	4,484.4	3,214.6	183.3	140.8	2,225.0	1,595.0	99	139.5	130.2
1973(g)	470.0	343.6	5,693.7	3,965.0	240.2	175.6	2,777.6	1,934.3	100	143.6	136.8
1974(g)	634.8	405.6	6,937.3	4,230.0	351.0	224.3	3,496.2	2,131.9	98	164.0	156.5
1975(g)	845.9	446.2			423.2	223.2			102	192.2	189.6

*Footnotes and sources are on the following page.

FOOTNOTES FOR TABLE 28

- (a) U.S. and Canadian production and value added figures have been calculated on the basis of work done by C.J. Maule, for the Royal Commission on Farm Machinery for the 1960-67 period. No information is available to verify their applicability to subsequent years.
- (b) Goods made by reporting establishment, or for its account from its own materials, net of discounts, returns, allowances, sales tax, excise tax and duties, returnable containers, and outward transportation. Includes repair and custom revenue transfers to reporting units of same firm, all exports, and book value of own products shipped on rental basis. Figures from 1967 onwards are revised upwards by 11 percent to make Canadian value of shipments, comparable to U.S. value of shipments. (See Maule, 1969, page 59, columns 4 and 5.)
- (c) Value of Shipments: received or receivable net selling values, f.o.b. plant, after discounts and allowances; excluding freight charges and excise taxes. Included are: all items made by or for each establishment from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment; receipts for contract work, sales of scraps, installation work by plant employees, research and development and repair work. For multi-unit companies, the value of products transferred to other establishments of the same company was tabulated as though each establishment were a separate economic unit.
- (d) Net output as measured by gross output less purchased commodity inputs used and contract work by others. Figures from 1967 on are revised upward by 30 percent, to allow for intra-plant transfers. (See Maule, 1969, page 59, columns 10 and 11.) Statistics for 1960-66 are from the Royal Commission on Farm Machinery (Maule, 1969, page 59).
- (e) Value of shipments plus (or minus) change in inventory minus the cost of materials, fuel and electricity. "Value added" avoids the duplication in the "value of shipments" figure which results from the use of products of some establishments as materials by others.
- (f) Deflated by Canadian Agricultural Implement Industry Selling Price Index in Canada and U.S. Agricultural Machinery Wholesale Price Index in the United States. Price indexes are annual averages as are the exchange rates used to convert U.S. dollars to Canadian dollars.
- (g) U.S. figures from 1972 to date are on a slightly different basis than in previous years because of reclassification of the farm machinery industry.

SOURCES FOR TABLE 28

Sources: Canada's Value of Shipments and Value Added: Statistics Canada, Agricultural Implement Industry, Catalogue No. 42-202; C.J. Maule, Productivity in the Farm Machinery Industry, Volume 3, Royal Commission on Farm Machinery, Ottawa, Queen's Printers, 1969.

U.S. Value of Shipments and Value Added: U.S. Dept. of Commerce, Annual Census of Manufactures, SIC 3523, Farm Machinery and Equipment, "Industry Profile", M71 (AS) - 10, p. 192; "1972 Census of Manufactures," Farm Machinery and Equipment, SIC 3523, MC 72(P) - 35A-3; Annual Survey of Manufactures 1974, M 74 (AS)-1. C.J. Maule, Volume 3. (See above.)

Exchange Rates: Finance Dept., Economic Review, 1976.

U.S. Agricultural Machinery Wholesale Price Index: U.S. Dept. of Labor, Wholesale Prices and Price Indexes, Item 11-1.

Canadian Agricultural Implement Industry Selling Price Index: Statistics Canada, Industry Selling Price Index, Catalogue No. 62-002, Item 14-311.

TABLE 29A. LABOR PRODUCTIVITY (MEASURED IN CURRENT CANADIAN DOLLARS) IN CANADIAN AND U.S. AGRICULTURAL IMPLEMENT INDUSTRIES, 1960-75 (a)

Year	Value Added per Production Worker			Value Added per Production Man-Hour		
	Canada	United States	Canada as % of the U.S.	Canada	United States	Canada as % of the U.S.
	- \$ -	- \$ -	- % -	- \$ -	- \$ -	- % -
1960	11,359	12,838	88.5	5.54	6.20	89.3
1961	11,738	13,975	84.0	5.73	6.70	85.5
1962	11,595	16,735	69.3	5.60	7.92	70.7
1963	13,325	16,939	78.7	6.26	8.01	78.1
1964	14,233	18,272	77.9	6.65	8.49	78.3
1965	14,426	19,349	74.6	6.85	8.98	76.3
1966	15,196	21,119	72.0	7.10	10.40	68.3
1967	15,796	21,200	74.5	7.31	10.85	67.4
1968	17,432	22,370	77.9	8.20	11.50	71.3
1969	17,721	22,260	79.6	8.28	11.51	71.9
1970	18,996	21,742	87.4	9.05	11.31	80.0
1971	20,830	23,989	86.8	10.10	12.45	81.1
1972	23,176	27,847	83.2	11.03	14.16	77.9
1973	22,937	29,330	78.2	11.07	15.03	73.7
1974	29,563	33,878	87.3	14.08	16.95	83.1
1975	32,313			15.35		

(a) As noted in footnotes for Table 28, these figures are only rough indicators of productivity. For an assessment of possible reasons for differences in productivity between the United States and Canada see Maule, 1969, p. 37 to 42.

Sources and explanations: See Table 28.

TABLE 29B. LABOR PRODUCTIVITY (MEASURED IN DEFLATED CANADIAN DOLLARS) IN CANADIAN AND U.S. AGRICULTURAL IMPLEMENT INDUSTRIES, 1960-75 (a)*

Year	Value Added per Production Worker			Value Added per Production Man-Hour		
	Canada	United States	Canada as % of the U.S.	Canada	United States	Canada as % of the U.S.
	- \$ -	- \$ -	- % -	- \$ -	- \$ -	- % -
1960	11,562	13,073	88.4	5.64	6.31	89.4
1961	11,738	13,975	84.0	5.73	6.70	85.5
1962	11,363	16,392	69.3	5.49	7.76	70.7
1963	12,838	16,366	78.4	6.03	7.74	77.9
1964	13,700	17,386	78.8	6.40	8.08	79.2
1965	13,709	18,050	76.0	6.51	8.38	77.7
1966	14,049	19,129	73.4	6.57	9.42	69.8
1967	14,336	18,596	77.1	6.64	9.52	69.8
1968	15,248	18,878	80.8	7.17	9.70	73.9
1969	14,951	18,202	82.1	6.99	9.41	74.3
1970	15,562	16,867	92.3	7.41	8.78	84.4
1971	16,601	17,955	92.5	8.05	9.32	86.4
1972	17,803	19,962	82.2	8.47	10.15	83.5
1973	17,769	20,426	82.1	8.10	10.46	77.4
1974	18,892	20,658	91.4	9.00	10.33	87.0
1975	17,042			8.09		

*See qualifications, footnotes and sources in Tables 28 and 29A.

SECTION IV

STATISTICS ON CANADA'S TRADE IN FARM MACHINERY

TABLE 30A. PRODUCTION, TRADE AND DOMESTIC SHIPMENTS OF FARM MACHINERY, CANADA AND THE UNITED STATES, 1950-75(a)*

Year	Canadian Production (b)	Adjusted Canadian Exports (Excluding Re-Exports) (c)	Unadjusted Canadian Re-Exports (d)	Adjusted Shipments of Canadian Production (d)	Adjusted Canadian Imports minus Re-exports (e)	Total Adjusted Canadian Market Shipments (f)	Adjusted Total Canadian and U.S. Production (g)
Can. \$000,000							
1950	157.3	92.8	n.a.	64.5	168.1	232.6	2,178.2
1951	180.2	112.5	n.a.	67.7	202.9	270.6	2,726.3
1952	216.1	111.4	n.a.	104.7	205.2	309.9	2,309.6
1953	177.5	78.5	n.a.	99.0	217.5	316.5	2,274.0
1954	125.5	81.2	n.a.	44.3	149.0	193.3	1,686.7
1955	121.8	80.3	n.a.	41.5	185.4	226.9	1,970.4
1956	130.7	71.3	n.a.	59.4	241.6	301.0	1,824.8
1957	130.9	73.7	n.a.	57.2	210.1	267.3	1,991.4
1958	143.3	103.2	n.a.	40.1	206.2	246.3	2,445.6
1959	168.7	121.2	n.a.	47.5	284.8	331.9	2,576.7
1960	156.2	84.6	5.5	71.6	232.0	303.6	2,212.9
1961	134.1	82.5	7.4	51.6	233.2	284.8	2,449.7
1962	136.0	91.3	5.1	44.7	258.5	303.2	2,738.6
1963	172.1	114.7	6.1	57.4	329.6	387.0	3,180.3
1964	211.9	139.3	8.9	72.6	311.3	383.9	3,603.1
1965	244.8	161.8	8.8	83.0	327.7	410.7	3,983.7
1966	287.2	185.2	7.3	102.0	396.0	498.0	4,872.2
1967	287.7	195.2	9.6	92.5	400.5	493.0	4,832.8
1968	241.4	182.8	10.7	58.6	328.6	387.2	4,787.0
1969	290.6	197.7	14.5	92.9	318.2	411.1	4,693.5
1970	222.6	178.6	12.4	44.0	260.4	304.4	4,632.3
1971	240.3	197.6	12.5	42.7	322.4	365.1	4,645.5
1972	304.9	240.6	10.5	64.3	412.7	477.0	4,407.0
1973	319.7	319.7	12.2	120.3	550.5	670.8	5,577.4
1974	595.1	438.9	17.7	156.2	784.4	940.6	7,009.9
1975	827.6	607.3	33.2	220.3	1,092.2	1,312.5	

*See following page for footnotes.

FOOTNOTES TO TABLE 30A

- (a) The statistics in this table cannot be compared directly with data in other tables of this publication. They incorporate many adjustments designed to put the value of Canada's exports, imports and manufacturers' shipments on a comparable basis.

All production, exports and imports in this table are valued at manufacturers' selling prices similar to those used to assess the value of factory shipments in the United States. These prices are believed to be equal to about 65 percent of suggested retail prices (Maule, 1969, p. 8-13).

Although data in this table have been brought to a common basis, several weaknesses in the statistics should be pointed out:

- 1) First, the factors used to adjust exports, imports and U.S. production (see Footnotes c, e and g) to U.S. manufacturers' selling prices are based on research done for the 1960-67 period. More recent information is non-existent. Since these adjustment factors might have changed over time, their application to post - 1967 data might be invalid.
 - 2) Second, statistics on Canadian imports and exports of farm machinery do not reflect international trade in these items perfectly. Some items that really are not farm machinery are classified as such. Therefore imports and exports are probably exaggerated (e.g. see Footnote, Table 31b).
 - 3) Third, Canada's international trade figures are also exaggerated relative to domestic production because of the trade policies of some companies. These companies import machines, contract "service" establishments to add some attachments to them and then re-export the modified machines. Such equipment is classed by Statistics Canada under Canadian imports and Canadian exports (not re-exports). Therefore, the import figures include machinery not really consumed in Canada and the export figures include machinery not produced by Canadian manufacturers.
 - 4) Since parts and components are shipped back and forth across the border, some imports are destined for the Canadian industry, not the Canadian retail market. Therefore, total domestic market shipments are exaggerated since both the imported components and the finished Canadian manufactured products are included in this total.
- (b) Equal to the total value of shipments of the Agricultural Implement Industry (SIC 311), minus their production of goods other than agricultural implements, plus the value of farm machinery produced by establishments classified under other SIC codes. (See Statistics Canada, Catalogue No. 42-202.) This value has then been raised 11 percent to equate it to the U.S., V.O.S. (Maule, 1969, Table A2, p. 59.)

FOOTNOTES TO TABLE 30A (CONC.)

- (c) Value of exports (excluding re-exports) reported in Statistics Canada Trade of Canada multiplied by 65/61.5 to make it comparable to U.S., V.O.S. (See Martinusen and Barry, 1970, p. 66, Footnote 3.)
- (d) Equal to Column 1 minus Column 2.
- (e) Value of imports (minus re-exports) reported in Statistics Canada Trade of Canada multiplied by 65/62.5 to make it comparable to U.S., V.O.S. (See Martinusen and Barry, *ibid.*)
- (f) Equal to Column 4 plus Column 5.
- (g) U.S. production is adjusted for 92-percent specialization and 94-percent coverage of farm machinery firms up to 1971. The values of U.S. production from 1972 to 1974 were taken directly from U.S. Dept. of Commerce Publication M74(AS-2). Data are converted to Canadian dollars with the exchange rates shown in Table 28.

Sources: C.L. Barber, Report of the Royal Commission on Farm Machinery, Ottawa, Supply and Services Canada, 1971, Table A.7

Christopher J. Maule, Productivity in the Farm Machinery Industry, Ottawa, Queen's Printer, 1969.

Donald Martinusen and Bernard P. Barry, Revenues, Costs and Profits in the Farm Machinery Industry, Ottawa, Supply and Services Canada, 1970.

Statistics Canada, Agricultural Implement Industry, Catalogue No. 42-202, and Trade of Canada, Catalogue Nos. 65-004 and 65-007.

U.S. Dept. of Commerce, Annual Survey of Manufactures, "Industry Profiles," M71(AS)-10; Annual Survey of Manufactures, "Value of Product Shipments," M74(AS)-2.

TABLE 30B. RELATIONSHIPS OF PRODUCTION TO TRADE AND SHIPMENTS OF FARM MACHINERY IN CANADA AND THE UNITED STATES, 1950-75 (a)

Year	Canadian Exports as a % of Canadian Production (b)	Canadian Imports as a % of Total Shipments in Canada (c)	Shipments of Can. Production in Canada as % of Total Market Shipments in Canada (d)	Canadian Production as a % of Total Canadian and U.S. Production (e)
			%	
1950	59.0	72.3	27.7	7.2
1951	62.4	75.0	25.0	6.6
1952	51.6	66.2	33.8	9.4
1953	44.2	68.7	31.3	7.8
1954	64.7	77.1	22.9	7.4
1955	65.9	81.7	18.3	6.2
1956	54.6	80.3	19.7	7.2
1957	56.3	78.6	21.4	6.6
1958	72.0	83.7	16.3	5.9
1959	71.8	85.8	14.2	6.6
1960	54.2	76.4	23.6	7.1
1961	61.5	81.9	18.1	5.5
1962	67.1	85.3	14.7	5.0
1963	66.7	85.2	14.8	5.4
1964	65.7	81.1	18.9	5.9
1965	66.1	79.8	20.2	6.2
1966	64.5	79.5	20.5	5.9
1967	67.9	81.2	18.8	6.0
1968	75.7	84.9	15.1	5.0
1969	68.0	77.4	22.6	6.2
1970	80.2	85.6	14.5	4.8
1971	82.2	88.3	11.7	5.2
1972	78.9	86.5	13.5	6.9
1973	72.7	82.1	17.9	7.9
1974	73.8	83.4	16.6	8.5
1975	73.4	83.2	16.8	-

(a) These figures are based on data in Table 30A. They give an indication of Canada's production and trade situation. However, it is important to realize that they are rough estimates only. This is due to the nature of the statistics for imports, exports and shipments as outlined in Table 30A.

(b) (Col. 1 - Col. 2) ÷ Col. 1 of Table 30A.

(c) (Col. 2 - Col. 5) ÷ Col. 6 of Table 30A.

(d) (Col. 3 - Col. 4) ÷ Col. 6 of Table 30A.

(e) (Col. 4 - Col. 1) ÷ Col. 7 of Table 30A. For qualifying comments on the comparability of data before 1972 with data from 1972 to date, see Footnote g, Table 28.

TABLE 31A. VALUE OF CANADIAN FARM MACHINERY IMPORTS FROM ALL COUNTRIES BY TYPE OF MACHINERY, 1961-76

Type of Machinery(a)	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
	\$ 000,000															
Soil Preparation	15.4	18.4	22.7	30.3	31.0	33.9	42.1	35.3	28.6	20.5	18.8	26.5	36.9	60.1	97.4	117.3
Crop Protection	n.a.	n.a.	n.a.	7.7	8.5	8.7	10.0	9.0	8.4	6.4	6.4	8.7	11.3	17.8	23.7	28.1
Haying and Harvesting(b)	31.3	40.7	60.4	82.2	85.6	104.6	95.8	70.3	73.1	50.4	57.2	78.1	108.5	160.7	227.7	224.3
(Combines)	(20.0)	(28.2)	(44.4)	(30.5)	(34.8)	(44.5)	(35.6)	(22.4)	(23.4)	(8.6)	(13.2)	(22.8)	(23.5)	(29.1)	(53.8)	(68.7)
	(c)	(c)	(c)													
Market Preparation	n.a.	n.a.	n.a.	5.6	5.4	6.4	7.7	11.0	13.5	11.0	9.2	12.0	15.7	27.1	24.7	21.2
Dairy, Poultry Equipment	7.6	8.0	6.8	10.9	10.5	11.2	11.9	12.0	14.1	12.1	9.5	15.0	19.7	27.4	26.7	25.6
Other Machinery	41.4	46.4	49.4	10.5	11.7	15.8	17.4	17.8	18.2	20.1	19.7	25.8	36.9	61.7	61.2	67.6
Tractors and Parts	135.9	140.2	183.7	161.0	171.2	207.5	209.8	171.4	164.4	142.2	201.6	241.2	312.4	417.1	605.0(d)	693.7
Total	231.6	253.7	323.0	308.2	323.9	388.1	394.7	326.8	320.3	262.7	322.4	407.3	541.5	771.9	1,066.4	1,177.9

(a) See following page for detailed descriptions of machinery categories.

(b) Includes combines.

(c) For 1960-62, combine values include import values of repair parts.

(d) Some tractors were inter-company shipments that entered Canada for packaging rather than for use in Canada.

Source: Statistics Canada, Imports, Merchandise Trade, Catalogue No. 65-203 annual.

TYPES OF MACHINERY INCLUDED UNDER GENERAL EXPORT AND IMPORT CATEGORIES
IN TABLES 31A TO 42

Soil Preparation:

Disc plows and harrow plows, one-way discs, tiller combines and parts
Plows and parts, n.e.s.*
Drag-and spring-tooth harrows and parts
Disc harrows and parts
Rotary tillers, agriculture and parts
Planter, transplanters and parts
Grain drills and combination grain and fertilizer drills and parts
Manure spreaders and parts
Soil preparation, seeding and fertilizing machinery and parts, n.e.s.

Crop Protection Machinery:

Cultivators, weeders and parts
Sprayers and other crop protection machinery, equipment and parts, n.e.s.

Haying and harvesting:

Mowers and parts
Dump rakes, side rakes, tedders and parts
Hay and straw balers and parts
Combination mower-conditioners
Haying machinery and parts, n.e.s.
Swathers or windrowers and parts
Grain and corn binders, and ensilage and forage harvesters and parts
Potato harvesting machinery and parts
Combine reaper-threshers
Parts, attachments and accessories for combine reaper-threshers
Tobacco harvesting machinery and parts
Harvesting, threshing, and related machinery and parts, n.e.s.

Market Preparation:

Feed cutters, grinders, crushers or rollers, farm type and parts
Machines for preparing fruit, vegetables, flowers or nursery stock for
market or use and parts
Machines and equipment for preparing crops for market or use and parts,
n.e.s.

Dairy, Poultry Equipment:

Milling machines and parts
Cream separators, farm type and parts
Farm milk coolers and parts
Farm dairy machinery, equipment and parts, n.e.s.
Incubators, brooders and parts
Poultry farm and apiary machinery, equipment and parts, n.e.s.

TYPES OF MACHINERY INCLUDED UNDER GENERAL EXPORT AND IMPORT CATEGORIES (CONC.)

Other Machinery:

Grain loaders and elevators and parts
Farm loaders, attachments for tractors
Cattle stalls, pens, stanchions and parts
Feeders, feed cookers and tank heaters, farm type and parts
Agricultural edge tools and blades
Farm irrigation systems and parts
Agricultural machinery, equipment and parts, n.e.s.

Tractors and Parts:

Wheel tractors, new and used and parts
Tractor engines and engine parts
Tractor cabs
Tractors n.e.s., parts and accessories for tractors, n.e.s.

*n.e.s. = not elsewhere specified.

TABLE 31B. CANADIAN IMPORTS OF SELECTED FARM MACHINERY FROM ALL COUNTRIES, 1961-76

Year	Combines	New Tractors(a)
		units
1961	3,250	31,855
1962	4,699	30,620
1963	6,825	37,787
1964	7,067	29,092
1965	7,029	29,480
1966	8,248	34,642
1967	5,365	34,954
1968	3,363	23,711
1969	3,233	16,943
1970	1,276	14,595
1971	1,779	22,730
1972	3,099	25,854
1973	2,644	30,988
1974	2,779	34,746
1975	4,023	40,310
1976	4,529	41,549

(a) A comparison of unit imports with unit sales of tractors in Table 10 indicates that the discrepancies between the two are large. Some of the reasons for the difference might be: (1) Some tractors may come through Canada on the way to other countries. (2) Some industrial and garden tractors may be included in the import figure.

Source: Statistics Canada, Imports, Merchandise Trade, Catalogue No. 65-203 annual.

TABLE 32A. VALUE OF CANADIAN FARM MACHINERY IMPORTS FROM THE UNITED STATES BY TYPE OF MACHINERY, 1961-76

Type of Machinery(a)	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
	\$ 000,000															
Soil Preparation	14.7	17.2	21.8	29.4	29.9	32.6	40.3	33.6	26.6	18.6	17.4	24.0	33.4	53.6	88.8	109.3
Crop Protection	n.a.	n.a.	n.a.	7.2	7.6	7.7	8.8	7.9	7.3	5.3	4.9	6.5	9.1	13.1	18.9	24.8
Haying and Harvesting(b)	30.5	38.3	56.1	78.1	82.9	101.5	92.0	63.1	67.9	46.9	54.3	71.9	104.9	155.3	216.3	216.8
(Combines)	(19.8)	(26.7)	(41.3)	(27.8)	(33.6)	(42.8)	(34.1)	(17.4)	(21.4)	(7.7)	(12.3)	(18.3)	(23.2)	(28.7)	(52.8)	(67.0)
Market Preparation	n.a.	n.a.	n.a.	5.5	5.4	6.4	7.7	10.9	13.5	10.9	9.2	11.9	15.6	26.7	24.5	20.8
Dairy, Poultry Equipment	6.4	6.6	5.6	10.2	10.0	11.0	11.7	11.7	13.6	11.2	9.0	14.0	18.5	25.7	25.5	24.2
Other Machinery	40.4	44.7	49.1	10.0	11.2	15.1	16.5	16.9	17.2	18.6	18.6	24.5	35.3	58.9	57.8	64.0
Tractors and Parts	117.9	121.4	162.6	144.5	151.8	179.8	177.1	142.4	135.5	114.8	159.5	191.2	253.3	342.0	490.3	584.5
															(a)	
Total(c)	209.9	228.2	295.2	284.9	298.8	354.1	354.1	286.5	281.6	226.3	272.9	344.0	470.1	675.3	922.2	1,044.4

(a) Some of the tractors were not imported for use in Canada; they were inter-company shipments enroute to other destinations.

(b) Includes combines.

(c) Totals may not equal sum of columns because of rounding.

Source: Statistics Canada, Imports, Merchandise Trade, Catalogue No. 65-203 annual.

TABLE 32B. CANADIAN IMPORTS OF SELECTED FARM MACHINERY FROM THE UNITED STATES, 1961-76

Year	Combines		New Tractors	
	Units	As % of Combine Imports from all Countries	Units	As % of New Tractor Imports from all Countries
1961	3,212	98.8	22,476	70.6
1962	4,364	92.9	21,679	70.8
1963	6,217	91.1	28,274	74.8
1964	6,489	91.8	22,837	78.5
1965	6,800	96.7	22,305	75.7
1966	7,875	95.5	25,930	74.9
1967	5,046	94.1	23,728	67.9
1968	2,711	80.1	15,457	65.2
1969	2,993	92.6	10,677	63.0
1970	1,131	88.6	7,556	51.8
1971	1,668	93.8	12,244	53.9
1972	2,237	72.2	14,276	55.2
1973	2,605	98.5	18,769	60.6
1974	2,745	98.8	22,292	64.2
1975	3,943	98.0	25,889	64.2
1976	4,403	97.2	28,210	67.9

Source: Statistics Canada, Imports, Merchandise Trade, Catalogue No. 65-203 annual.

TABLE 33. VALUE OF FARM MACHINERY IMPORTS FROM THE UNITED STATES AS A PERCENTAGE OF IMPORTS FROM ALL COUNTRIES BY TYPE OF MACHINERY, 1961-76

Type of Machinery	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
Soil Preparation	95.5	93.5	96.0	97.0	96.5	96.2	95.7	94.8	93.0	90.8	92.5	90.6	90.6	89.2	91.1	93.2
Crop Protection	n.a.	n.a.	n.a.	93.5	89.4	88.5	88.0	88.0	86.4	83.0	76.8	75.1	80.0	73.6	79.9	88.3
Haying and Harvesting(b)	97.4	94.1	92.9	95.0	96.9	97.0	96.0	89.9	92.9	93.1	95.0	92.1	96.6	96.7	95.0	96.7
(Combines)	(99.0)	(94.7)	(93.0)	(91.1)	(96.6)	(96.2)	(95.8)	(77.7)	(91.8)	(89.1)	(92.9)	(80.6)	(98.5)	(98.7)	(98.1)	(97.5)
Market Preparation	n.a.	n.a.	n.a.	98.2	100.0	100.0	100.0	99.6	99.3	99.1	99.1	99.0	99.3	98.6	99.0	98.1
Dairy, Poultry Equipment	84.2	82.5	82.4	93.6	95.2	98.2	98.3	97.4	96.0	92.3	94.9	93.4	93.9	93.8	95.7	94.5
Other Machinery	97.6	96.3	99.4	95.2	95.7	95.6	94.8	95.2	94.7	92.6	94.2	94.9	95.8	95.3	94.4	94.7
Tractors and Parts	86.8	84.2	88.5	89.8	88.7	86.7	84.4	83.1	82.4	80.7	79.2	79.3	81.8	82.0	81.0	84.3
Total	90.6	90.0	91.4	92.4	92.2	91.2	89.7	87.7	87.9	86.1	84.6	84.5	86.8	87.5	86.5	88.7

(a) Machines for preparing crops for markets or farm use.

(b) Includes combines.

Source: Computed from Tables 31A and 32A.

TABLE 34. VALUE OF CANADIAN FARM MACHINERY IMPORTS BY COUNTRY OF ORIGIN, 1961-76

Country of Origin	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976 (a)
	\$ 000,000															
United States	209.9	228.2	295.2	284.9	298.8	354.1	354.1	286.5	281.6	226.3	272.9	344.0	470.1	675.3	922.2	1,044.4
United Kingdom	18.2	19.0	19.1	13.3	16.4	17.9	21.5	19.0	21.8	17.4	20.4	24.1	26.0	28.4	42.2	31.5
EEC-6																
Belgium-Luxembourg	.0	1.5	2.8	2.2	0	0	0	0	0	0	.4	1.3	.1	.4	.4	0.2
France	.4	.1	.7	.5	.8	.6	.6	.6	1.0	.5	.5	1.5	1.5	2.9	5.4	3.9
West Germany	1.2	1.8	3.1	3.5	3.3	10.8	12.1	10.1	8.7	9.2	9.6	14.7	16.2	27.7	39.4	35.8
Italy	.2	.4	.0	1.3	2.0	2.1	2.5	2.4	2.4	3.8	7.8	6.9	12.4	11.5	14.2	14.6
Netherlands	.4	.7	.8	.9	.8	1.0	1.0	1.4	1.3	1.4	.9	1.1	2.0	2.6	2.3	2.1
Total(b)	2.2	4.5	7.4	8.4	6.9	14.5	16.2	14.5	13.4	14.9	19.2	25.5	32.2	45.1	61.7	56.5
Denmark	.2	.7	.2	.5	1.0	1.1	1.4	1.0	1.0	.7	.9	1.4	1.9	3.9	3.8	3.0
Sweden	.8	1.0	.9	.5	.5	.3	.7	4.7	1.1	1.5	2.9	5.1	2.9	3.8	10.4	5.1
Switzerland	.1	.1	.1	.1	0	0	0	0	0	.2	.2	0	.1	.1	.2	0.1
Japan	.2	.2	.1	.04	.1	.1	.2	.3	.4	.9	2.2	3.1	3.2	8.2	11.6	13.1
Australia	0	0	0	0	0	0	.1	0	.1	.04	.3	.4	.4	.5	.4	0.5
Norway	0	0	0	0	0	.2	.4	0	.8	.5	.5	1.0	1.5	2.1	2.9	2.9
Romania	0	0	0	0	0	0	0	0	0	0	2.5	2.3	1.1	1.0	2.5	2.3
U.S.S.R.	0	0	0	0	0	0	0	0	0	.1	.1	.1	1.5	2.6	6.4	13.9
Others	0	0	0	.5	.2	0	.1	.7	.3	.2	.3	.3	.6	.9	2.2	4.6
Total(b)	231.6	253.7	323.0	308.2	323.9	388.1	394.7	326.7	320.5	262.7	322.4	407.3	541.5	771.9	1,066.4	1,177.9

(a) Preliminary.

(b) Totals may not equal sum of parts because of rounding.

Source: Statistics Canada, Imports, Merchandise Trade, Catalogue No. 65-203 annual.

TABLE 35. VALUE OF CANADIAN FARM MACHINERY IMPORTS BY COUNTRY OF ORIGIN AS A PERCENTAGE OF THE TOTAL ANNUAL CANADIAN MACHINERY IMPORTS, 1961-76

Country of Origin	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976 (a)
United States	90.6	90.0	91.4	92.4	92.2	91.2	89.7	87.7	87.9	86.1	84.6	84.5	86.8	87.5	86.5	88.7
United Kingdom	7.8	7.5	5.9	4.3	5.1	4.6	5.4	5.8	6.8	6.6	6.3	5.9	4.8	3.7	4.0	2.6
EEC-6																
Belgium-																
Luxembourg	0	.6	.9	.7	0	0	0	0	0	0	.1	.3	.02	.05	.04	.02
France	.1	.04	.2	.2	.3	.1	.1	.2	.3	.2	.2	.4	.3	.4	.5	.3
West Germany	.5	.7	1.0	1.1	1.0	2.8	3.1	3.1	2.7	3.5	3.0	3.6	3.0	3.6	3.7	3.0
Italy	.1	.1	0	.4	.6	.5	.6	.8	.8	1.5	2.3	1.7	2.3	1.5	1.3	1.2
Netherlands	.2	.3	.2	.3	.3	.3	.3	.4	.4	.5	.3	.3	.4	.3	.2	.2
Total(b)	.9	1.8	2.3	2.7	2.2	3.7	4.1	4.5	4.2	5.7	5.9	6.3	6.0	5.8	5.8	4.8
Denmark	.1	.3	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.5	.4	.3
Sweden	.3	.4	.3	.2	.1	.1	.2	1.4	.3	.6	.9	1.3	.5	.5	1.0	.4
Switzerland	.04	.04	.04	.04	0	0	0	0	0	.1	.1	0	.02	.01	.02	.01
Japan	.1	.1	.04	0	.04	.03	.05	.1	.1	.3	.7	.7	.6	1.1	1.1	1.1
Australia	0	0	0	0	0	0	.03	0	.03	0	.1	.1	.1	.1	.04	.04
Norway	0	0	0	0	0	.05	.1	0	.3	.2	.2	.2	.3	.3	.3	.2
Romania	0	0	0	0	0	0	0	0	0	0	.8	.6	.2	.1	.2	.2
U.S.S.R.	0	0	0	0	0	0	0	0	0	.04	.03	.02	.3	.3	.6	1.2
Others	0	0	0	.2	.1	0	.03	.2	.1	.1	.1	.1	.1	.1	.2	.4
Total(b)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Preliminary.

(b) Totals may not equal sum of parts because of rounding.

Source: Computed from Table 34.

TABLE 36A. VALUE OF CANADIAN FARM MACHINERY EXPORTS TO ALL COUNTRIES BY TYPE OF MACHINERY, 1961-76.

Type of Machinery	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976 (a)
	\$ 000,000															
Soil Preparation	17.4	20.5	23.6	24.6	22.6	29.5	35.4	23.8	26.8	30.8	25.8	34.1	44.4	66.3	91.9	93.2
Crop Protection	2.8	3.7	4.5	4.3	7.3	10.0	11.6	7.7	9.0	8.4	6.5	11.2	12.3	17.8	25.0	28.8
Haying and Harvesting(b)	53.9	55.9	75.2	99.0	116.2	123.3	125.7	115.7	116.1	96.5	103.4	121.9	149.2	189.2	256.1	260.4
(Combines)	(26.4)	(24.5)	(32.7)	(52.7)	(68.0)	(65.0)	(75.3)	(65.0)	(63.9)	(43.6)	(53.6)	(68.4)	(79.2)	(102.3)	(144.1)	(151.9)
Market Preparation	.1	.7	-	.1	.1	.3	.2	-	-	-	.2	.3	.2	.4	.2	1.7
Dairy, Poultry Equipment	1.4	1.4	1.7	2.1	1.8	1.6	1.9	1.6	2.3	1.9	3.1	3.2	3.7	2.8	2.1	3.4
Other Machinery	.6	1.0	.9	1.2	1.7	2.9	3.2	-	-	-	17.8	19.6	31.5	44.9	42.7	46.3
Tractors and Parts(c)	9.3	8.3	8.3	9.4	12.2	16.9	16.3	24.2	32.9	31.4	30.7	37.3	49.1	77.2	124.0	105.4
Total	85.5	91.5	114.2	140.7	161.9	184.5	194.3	173.0	187.1	169.0	187.5	227.6	290.3	398.5	542.1	539.1

(a) Preliminary.

(b) Includes Combines.

(c) Dollar values include new and used tractors, tractor parts and tractors and parts n.e.s. The values may be inflated since they include tractors shipped through Canada en route to other countries.

Source: Statistics Canada, Exports, Merchandise Trade, Catalogue No. 65-202 annual.

TABLE 36B. CANADIAN EXPORTS OF SELECTED FARM MACHINERY TO ALL COUNTRIES, 1961-76

Year	Combines	Tractors
		units
1961	6,468	1,558
1962	5,676	790
1963	7,031	524
1964	9,751	709
1965	10,493	659
1966	10,421	781
1967	11,629	756
1968	8,573	1,750
1969	7,716	2,368
1970	4,863	2,822
1971	5,564	1,807
1972	6,576	1,848
1973	6,666	2,545
1974	8,040	3,112
1975	8,173	4,425(a)
1976	7,880	3,053(a)

(a) Preliminary.

Source: Statistics Canada, Exports, Merchandise Trade, Catalogue No. 65-202 annual.

TABLE 37A. VALUE OF CANADIAN FARM MACHINERY EXPORTS TO THE UNITED STATES BY TYPE OF MACHINERY, 1961-76

Type of Machinery	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
	\$ 000,000															
Soil Preparation	16.0	19.5	22.6	23.4	21.1	28.3	34.4	23.1	26.0	29.1	24.5	31.5	42.7	64.0	84.6	87.3
Crop Protection	2.6	3.5	4.3	3.9	7.2	9.8	11.5	7.5	8.9	8.3	6.4	11.1	12.1	17.5	23.6	27.9
Haying and Harvesting(a)	49.7	50.7	68.3	90.6	102.1	113.8	118.9	108.5	109.2	91.7	97.2	116.6	142.3	179.2	230.7	232.3
(Combines)	(24.2)	(21.9)	(29.0)	(49.3)	(58.6)	(61.8)	(71.9)	(61.2)	(60.5)	(42.3)	(51.4)	(66.3)	(77.2)	(99.0)	(130.6)	(134.9)
Market Preparation	.1	.6	-	.1	.1	.2	.1	-	-	-	.1	.2	.2	.1	.2	.5
Dairy, Poultry Equipment	1.1	1.3	1.3	1.2	1.3	1.2	1.0	1.0	1.5	1.6	2.4	2.4	1.5	1.7	1.3	2.1
Other Machinery	.5	.9	.8	1.1	1.5	2.7	3.0	-	-	-	16.5	18.5	30.0	41.0	38.7	42.6
Tractors and Parts(b)	6.0	6.2	7.2	7.3	11.7	15.6	15.2	23.0	32.0	30.5	29.6	34.4	45.3	71.0	95.2	95.3
Total(c)	76.0	82.7	104.5	127.6	145.0	171.6	184.1	163.1	177.6	161.2	176.7	214.7	274.0	374.6	474.0	488.1

(a) Includes combines.

(b) Includes new and used tractors, and tractor parts.

(c) Total may not equal sum of categories because of rounding.

Source: Statistics Canada, Exports, Merchandise Trade, Catalogue No. 65-202 annual.

TABLE 37B. CANADIAN EXPORTS OF SELECTED FARM MACHINERY TO THE UNITED STATES, 1961-76

Year	Units	Combines	Units	New Tractors
		As % of Combine Exports to All Countries		As % of Tractor Exports to All Countries
1961	6,042	93.4	966	62.0
1962	5,179	91.2	574	72.7
1963	6,360	90.5	420	80.2
1964	9,148	93.8	470	66.3
1965	8,881	84.6	521	79.1
1966	10,000	96.0	644	82.5
1967	11,125	95.7	671	88.9
1968	8,016	93.5	1,630	93.1
1969	7,222	93.6	2,310	97.6
1970	4,705	96.8	2,771	98.2
1971	5,303	95.3	1,771	98.0
1972	6,395	97.3	1,771	95.8
1973	6,461	96.9	2,337	91.8
1974	7,783	96.8	2,779	89.3
1975	7,499	91.8	2,500	56.5
1976(a)	7,078	89.8	2,821	92.4

(a) Preliminary.

Source: Statistics Canada, Exports, Merchandise Trade,
Catalogue No. 65-202 annual.

TABLE 38. VALUE OF CANADIAN FARM MACHINERY EXPORTS TO THE UNITED STATES AS A PERCENTAGE OF EXPORTS TO ALL COUNTRIES BY TYPE OF MACHINERY, 1961-76

Type of Machinery	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
	%															
Soil Preparation	92.0	95.1	95.8	95.1	93.4	95.9	97.2	97.1	97.0	94.5	95.0	92.4	96.2	96.5	92.1	93.7
Crop Protection	92.9	94.6	95.6	90.7	94.7	98.0	99.1	97.4	98.9	98.8	98.5	99.1	98.4	98.3	94.4	96.9
Haying and Harvesting(a)	92.2	90.7	90.8	91.5	87.9	92.3	94.6	93.8	94.1	95.0	94.0	95.7	95.4	94.7	90.1	89.2
(Combines)	(91.7)	(87.3)	(89.2)	(90.1)	(86.1)	(93.7)	(94.5)	(94.2)	(94.7)	(97.0)	(95.9)	(96.9)	(97.5)	(96.8)	(90.6)	(88.8)
Market Preparation	100.0	85.7	-	100.0	100.0	66.7	50.0	-	-	-	50.0	66.7	82.7	31.7	82.0	29.8
Dairy, Poultry Equipment	78.6	92.9	76.5	57.1	72.2	75.0	52.6	62.5	65.2	79.0	77.4	75.0	40.5	60.7	61.9	61.8
Other Machinery	83.3	90.0	88.9	91.7	88.2	93.1	93.8	-	-	-	92.7	94.4	95.2	91.3	90.6	92.0
Tractors and Parts	64.5	74.7	86.8	77.7	95.9	92.3	93.3	95.0	97.3	97.1	96.4	92.2	92.2	92.0	76.8	90.4
Total	88.9	90.4	91.5	90.7	89.6	93.0	94.8	94.3	94.9	95.4	94.2	94.3	94.4	94.0	87.4	90.5

(a) Includes combines.

Sources: Tables 36A and 37A.

TABLE 39. VALUE OF CANADIAN FARM MACHINERY EXPORTS BY COUNTRY OF DESTINATION, 1961-76

Country of Destination	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975(a)	1976
	\$ 000,000															
United States	76.0	82.7	104.5	127.6	145.0	171.6	184.1	163.1	177.6	161.3	176.7	214.7	274.0	374.6	474.0	488.1
Australia	1.7	.4	1.2	2.2	1.5	1.9	3.0	1.4	1.1	.5	.3	.4	2.6	4.1	10.8	11.2
EEC-6	2.0	1.4	.5	.9	7.3	2.0	.9	.7	.9	2.1	1.7	2.1	3.8	4.6	4.7	4.6
South Africa	.5	.5	.6	.8	.3	.2	.3	.9	.6	.4	.8	.6	2.0	2.6	5.7	5.6
United Kingdom	.4	1.6	1.7	2.3	2.0	1.5	1.3	1.8	1.4	.6	1.0	1.4	1.4	2.6	3.6	6.4
Sweden	-	-	-	-	.1	.1	.3	-	.1	.1	.2	.2	.5	1.2	.7	.5
New Zealand	.7	.1	.4	.8	.5	.5	.2	.3	.1	.1	.1	.1	.5	.7	1.1	.7
Japan	-	-	.1	.1	.2	.3	.3	.3	.3	.2	.3	.2	.2	.3	.6	.8
Mexico	.6	1.0	.8	.8	1.6	1.8	1.7	2.2	2.5	1.3	1.9	2.2	1.5	2.3	8.8	6.9
Others	3.6	3.8	4.4	5.2	3.4	4.6	2.2	2.3	2.5	2.4	4.5	5.7	3.8	5.5	32.1(a)	14.5
Total(b)	85.5	91.5	114.2	140.7	161.9	184.5	194.3	173.0	187.1	169.0	187.5	227.6	290.3	398.5	542.1	539.1

(a) Much of the increase in the "Others" category is the result of large orders stemming from Canadian International Development Agency programs.

(b) Totals may not equal the sum of the columns because of rounding.

Source: Statistics Canada, Exports, Merchandise Trade, Catalogue No. 65-202 annual.

TABLE 40. VALUE OF CANADIAN FARM MACHINERY EXPORTS BY COUNTRY OF DESTINATION, AS PERCENTAGE OF TOTAL ANNUAL CANADIAN MACHINERY EXPORTS, 1961-76

Country of Destination	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
United States	88.9	90.4	91.5	90.7	89.6	93.0	94.8	94.3	94.9	95.4	94.2	94.3	94.4	94.0	87.4	90.5
Australia	2.0	.4	1.1	1.5	.9	1.0	1.5	.8	.6	.3	.2	.2	.8	1.0	2.0	2.1
EEC-6	2.3	1.5	.4	.6	4.5	1.1	.5	.4	.5	1.2	.9	.9	1.3	1.2	.9	.8
South Africa	.6	.6	.5	.6	.2	.1	.1	.5	.3	.2	.4	.3	.6	.7	1.1	1.0
United Kingdom	.5	1.8	1.5	1.6	1.2	.8	.6	1.0	.7	.4	.5	.6	.5	.7	.7	1.2
Sweden	-	-	-	-	.1	.1	.2	-	.1	.1	.1	.1	.2	.2	.1	.1
New Zealand	.8	.1	.3	.6	.3	.3	.1	.2	.1	.1	.1	.04	.2	.2	.2	.1
Japan	-	-	.1	.1	.1	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1
Mexico	.7	1.1	.7	.6	1.0	.9	.9	1.3	1.3	.8	1.0	1.0	.5	.6	1.6	1.3
Others	4.2	4.1	3.9	3.7	2.1	2.5	1.1	1.3	1.3	1.1	2.4	2.5	1.3	1.4	5.9	2.7
Total(a)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Totals may not equal sum of columns because of rounding.

Source: Computed from Table 39.

TABLE 41. CANADA'S TOTAL NET TRADE BALANCE BY TYPE OF FARM MACHINERY AND YEAR, 1961-76

Type of Machinery	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
	\$ 000,000															
Soil Preparation	2.0	2.1	.9	-5.7	-8.4	-4.4	-6.7	-11.5	-1.8	10.3	7.0	7.6	7.5	6.2	-5.5	-24.1
Crop Protection	2.8	3.7	4.5	-3.4	-1.2	1.3	1.6	-1.3	.6	2.0	.1	2.5	1.0	0.0	1.3	0.7
Haying and Harvesting(a)	22.6	15.2	14.8	16.8	30.6	18.7	29.9	45.4	43.0	46.1	46.2	43.8	40.7	28.5	28.4	36.1
(Combines)	(6.4)	(3.7)	(4.5)	(22.2)	(33.2)	(20.5)	(39.7)	(42.6)	(40.5)	(35.0)	(40.4)	(45.6)	(55.7)	(73.2)	(90.3)	(83.2)
Market Preparation	.1	.7	-	-5.5	-5.3	-6.1	-7.5	-11.0	-13.5	-11.0	-9.0	-11.7	-15.5	-26.7	-24.5	-19.5
Dairy, Poultry Equipment	-6.2	-6.6	-5.1	-8.8	-8.7	-9.6	-10.0	-10.4	-11.8	-10.2	-6.4	-11.8	-16.0	-24.6	-24.6	-22.2
Other Machinery	-40.8	-45.4	-48.5	-9.3	-10.0	-12.9	-14.2	-17.8	-18.2	-20.1	-1.9	-6.2	-5.4	-16.8	-18.5	-21.3
Tractors and Parts	-126.6	-131.9	-175.4	-151.6	-159.0	-190.6	-193.5	-147.2	-131.5	-110.8	-170.9	-204.0	-263.3	-339.9	-481.0	-588.3
Total(b)	-146.1	-162.2	-208.8	-167.5	-162.0	-203.6	-200.4	-153.8	-133.2	-93.7	-134.9	-179.7	-251.2	-373.4	-524.3	-638.8

(a) Includes combines.

(b) Totals may not equal sum of figures in columns because of rounding.

Sources: Tables 31A and 36A.

TABLE 42. CANADA'S NET TRADE BALANCE WITH THE UNITED STATES BY TYPE OF FARM MACHINERY AND BY YEAR, 1961-76

Type of Machinery	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
	\$ 000,000															
Soil Preparation	1.3	2.3	.8	-6.0	-8.8	-4.3	-5.9	-10.5	-.6	10.5	7.1	7.5	9.3	10.4	-4.2	-22.0
Crop Protection	2.6	3.5	4.3	-3.3	-.4	2.1	2.7	-.4	1.6	3.0	1.5	4.6	3.0	4.4	4.7	3.1
Haying and Harvesting(a)	19.2	12.4	12.2	12.5	19.2	12.3	26.9	45.4	41.3	44.8	42.9	44.7	37.4	23.9	14.4	15.5
(Combines)	(4.4)	(-4.8)	(-12.3)	(21.5)	(25.0)	(19.0)	(37.8)	(43.8)	(39.1)	(34.6)	(39.1)	(48.0)	(54.0)	(70.3)	(77.8)	(67.9)
Market Preparation	.1	.6	-	-5.4	-5.3	-6.2	-7.6	-10.9	-13.5	-10.9	-9.1	-11.7	-15.4	-26.6	-24.3	-20.3
Dairy, Poultry Equipment	-5.3	-5.3	-4.3	-9.0	-8.7	-9.8	-10.7	-10.7	-12.1	-9.6	-6.6	-11.6	-17.0	-24.0	-24.2	-22.1
Other Machinery	-39.9	-43.8	-48.3	-8.9	-9.7	-12.4	-13.5	-16.9	-17.2	-18.6	-2.1	-6.0	-5.3	-17.9	-19.1	-21.4
Tractors and Parts	111.9	-115.2	-155.4	-137.2	-140.1	-164.2	-161.9	-119.4	-103.5	-84.3	-129.9	-156.8	-208.0	-271.0	-395.1	-489.2
Total(b)	133.9	-145.5	-190.7	-157.3	-153.8	-182.5	-170.0	-123.4	-104.0	-65.1	-96.2	-129.3	-196.1	-300.7	-448.2	-556.3

(a) Includes combines.

(b) Totals may not equal sum of figures in columns because of rounding.

Sources: Tables 32A and 37A.

SECTION V

STATISTICS RELATING TO THE U.S. FARM MACHINERY
INDUSTRY AND MARKET

TABLE 43. SELECTED CHARACTERISTICS OF THE U.S. AGRICULTURAL IMPLEMENT INDUSTRY(a) BY SIZE OF ESTABLISHMENT, 1972

Establishment Size (No. of Employees)	No. of Establish- ments	All Employees		Production Workers		Value Added by Manufacture	Cost of Materials	Value of Ship- ments(b)	Capital Expen- ditures, New(c)	End-of- year Invento- ries (d)
		Number	Payroll	Number	Man-hours	Wages				
-	-	000	- \$000,000	- 000	- 000,000	- \$000,000	-	\$000,000	-	-
All Establishments	1,547	104.6	1,045.4	79.9	157.1	732.2	2,400.1	4,529.7	115.8	997.4
1 - 4	551	.9	7.1	.9	1.3	4.8	21.3	40.3	1.1	9.8
5 - 9	216	1.4	10.6	1.1	2.0	7.0	25.2	47.8	1.4	11.4
10 - 19	217	3.0	22.3	2.3	4.4	14.7	47.1	98.5	7.1	20.7
20 - 49	266	8.4	61.9	6.4	12.4	39.9	125.0	246.0	6.1	52.0
50 - 99	141	10.1	76.8	7.6	14.6	48.4	176.5	325.5	7.5	76.00
100 - 249	101	15.2	116.8	11.3	22.8	76.3	270.6	518.9	11.7	128.4
250 - 499	21	7.0	63.3	5.1	10.4	40.5	220.8	378.3	5.4	79.8
500 - 999	12	7.6	71.2	5.7	11.5	48.9	180.1	340.9	13.1	91.0
1,000 - 2,499	15	22.2	260.7	16.2	33.1	180.1	567.8	1,099.6	10.7	276.1
2,500 employees or more	7	28.7	354.5	23.2	44.6	271.7	765.8	1,433.6	51.5	252.1

(a) SIC. 3523: Farm Machinery and Equipment Industry. Since this industry was redefined in 1972, statistics for previous years are not comparable.

(b) The value of shipments includes items other than farm machinery. This industry group (SIC 3523) produced \$3,906.2 million of farm machinery and \$430.0 million of secondary products. Thus its product specialization ratio was 90 percent. The industry also reported \$193.5 million in miscellaneous receipts (of which \$169.1 million were re-sales) to realize a total value of shipments of \$4,529.7 million. Firms classified to other industries produced farm machinery valued at \$237.3 million. Therefore, the total value of U.S. farm machinery production was \$4,143.5 million in 1972; SIC 3523 accounted for 94 percent of this output.

(c) The industry's total expenditure for plant and equipment was \$123.7 million.

(d) Opening inventories were assessed at \$820.4 million.

Source: U.S. Dept. of Commerce, 1972 Census of Manufactures, SIC 3523.

TABLE 44. CONCENTRATION OF PRODUCTION AND EMPLOYMENT IN U.S. AGRICULTURAL IMPLEMENT INDUSTRY, 1972

Establishment Size (i.e., No. of Employees)	Value of Shipments	Value Added	Total Number Employees	Production workers	
				Number	Hours Paid
% of totals					
1 - 4	0.9	0.9	0.9	1.1	0.8
5 - 9	1.1	1.0	1.3	1.4	1.3
10 - 19	2.2	2.3	2.9	2.9	2.8
20 - 49	5.4	5.5	8.0	8.0	7.9
50 - 99	7.2	6.8	9.7	9.5	9.3
100 - 249	11.5	11.7	14.5	14.2	14.5
250 - 499	8.3	7.3	6.7	6.4	6.6
500 - 999	7.5	7.6	7.3	7.2	7.3
1,000 - 2,499	24.3	25.9	21.2	20.3	21.1
<u>2,500 and over</u>	<u>31.6</u>	<u>31.0</u>	<u>27.5</u>	<u>29.0</u>	<u>28.4</u>
All Establishments	100.0	100.0	100.0	100.0	100.0

Source: Derived from Table 43.

TABLE 45. U.S. FARM MACHINERY INDUSTRY SHIPMENTS AND YEAR-END INVENTORIES, 1960-74
INVENTORIES, 1960-74

Year(a)	Annual Shipments	Year-End Inventories	Shipments to Inventory Ratio
U.S. \$000,000			
1960	2,162.6	549.0	3.94
1961	2,339.5	545.6	4.29
1962	2,482.0	648.4	3.83
1963	2,842.2	669.3	4.25
1964	3,204.1	748.0	4.28
1965	3,532.6	800.8	4.41
1966	4,332.0	927.2	4.67
1967	4,299.9	994.6	4.32
1968	4,300.4	1,025.7	4.19
1969	4,165.4	1,094.3	3.81
1970	4,332.3	1,099.3	3.94
1971	4,456.4	1,077.6	4.14
1972	4,529.7	997.4	4.55
1973	5,693.7	1,295.8	4.39
1974	7,078.0	1,783.3	3.97

(a) This table has not been adjusted to reflect specialization or coverage. Also, since the industry was redefined in 1972, prior year data are not exactly comparable with 1972 and subsequent years' data. If the industry were described in the same way in 1972 that it had been in previous years, its shipments would have been \$5,367.5 million, its inventories \$1,250.3 million and its shipments-to-inventory ratio 4.29.

Sources: 1960-71: U.S. Dept. of Commerce, Industry Profiles M71 (AS)-10.
1972: U.S. Dept. of Commerce, 1972 Census of Manufactures SlC3523.
1973-74: U.S. Dept. of Commerce, Annual Survey of Manufactures, 1974. General Statistics for Industry Groups and Industries, M74 (AS)-1.

TABLE 46. U.S. UNIT RETAIL SALES OF SELECTED FARM MACHINERY, 1962-77

Year	Total	Farm Wheel Tractors		Combines		Balers (Bales under 200 lb)	Forage Harvesting
		Under 40 HP	40-79 HP	80 HP and Over	Self- Propelled	Pull- Type	
1962	153,782	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1963	154,864	n.a.	n.a.	n.a.	28,872	3,725	n.a.
1964	157,434	40,425	83,013	33,996	30,752	2,770	n.a.
1965	162,482	36,664	79,779	46,039	37,607	2,323	n.a.
1966	185,061	39,001	75,110	70,950	39,576	2,024	n.a.
1967	176,672	39,275	76,691	60,706	40,689	1,587	n.a.
1968	157,942	35,083	65,946	56,913	33,507	1,267	16,549
1969	143,661	30,936	57,219	55,506	27,100	951	16,325
1970	135,532	31,821	49,655	54,056	26,704	584	14,970
1971	131,523	28,241	43,340	59,942	27,247	695	14,787
1972	156,762	33,172	50,303	73,287	28,567	n.a.	15,197
1973	196,994	40,253	55,958	100,783	35,082	n.a.	17,695
1974	173,801	32,010	50,416	91,375	31,595	n.a.	16,074
1975	161,145	12,442	49,249	99,454	33,084	n.a.	13,140
1976	153,189	15,909	54,408	82,872	32,513	n.a.	13,274
1977	130,912(a)	n.a.	50,577	80,335	28,821	n.a.	13,146

n.a. = not available.

(a) Not strictly comparable with previous years' since it excludes tractors with less than 40 hp. The comparable figure in 1976 would be 137,280.

Source: Farm and Industrial Equipment Institute News Letter, Farm and Power Equipment, various issues; Implement and Tractor, various issues.

TABLE 47. UNITS OF SELECTED FARM MACHINERY HELD AS FACTORY AND DEALER DECEMBER INVENTORIES(a) IN THE UNITED STATES, 1960-77

Year	Totals	Farm Wheel Tractors (b)			Combines Self-Propelled	Balers	Forage Harvesters
		Under 40 HP	40-79 HP	80 HP and over			
1960	153,100	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1961	129,740	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1962	114,951	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1963	114,144	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1964	107,493	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1965	96,967	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1966	119,582	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1967	135,501	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1968	133,129	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1969	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1970	99,481	19,618	33,924	45,939	n.a.	n.a.	n.a.
1971	88,854	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1972	72,258	17,954	22,971	34,333	n.a.	n.a.	n.a.
1973	45,927	10,928	17,185	17,814	n.a.	n.a.	n.a.
1974	48,430	11,975	19,468	16,987	5,588	18,745	12,732
1975	57,111	9,477	26,713	20,921	4,536	15,223	12,060
1976	65,976	10,089	26,843	29,044	4,524	17,345	11,986
1977	76,855(c)	n.a.	32,456	44,399	9,665	19,246	12,112

n.a. = not available.

(a) North American factory inventories plus inventories of equipment at retail and wholesale levels in the United States.

(b) 1960 to 1968 tractor inventories are average monthly inventories.

(c) Not strictly comparable with previous years' since tractors with under 40 hp have been excluded.

Sources: Farm Implement and Equipment Institute, Year End Reports.
Implement and Tractor, various issues.

TABLE 48. U.S. AGRICULTURAL MACHINERY PRICE INDEXES 1965-76

Year	Retail Price Indexes (a)		Wholesale Price Indexes (b)						
	Tractors and Self-Propelled Machinery	Non-Power Machinery	All Agricultural Machinery (c)	Farm Tractor	S.P. Combine	Baler	Plow	Swathers and Windrowers	Cultivator
1965	92	93	94.0	93.5	94.4	92.5	95.4	91.9	96.0
1966	96	96	96.8	99.5	99.2	95.5	98.8	99.8	98.4
1967	100	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104	104	103.0	104.0	105.3	104.3	102.1	104.9	104.6
1969	111	110	108.5	112.5	110.1	110.5	112.2	n.a.	112.2
1970	116	116	113.0	117.6	106.9	115.0	116.0	100	117.8
1971	122	122	117.2	118.2	109.0	119.8	114.7	100	117.9
1972	128	130	122.3	123.2	115.5	122.6	119.0	123.9	123.3
1973	137	139	125.9	129.3	125.8	131.2	128.0	130.0	130.2
1974	161	159	143.8	161.8	153.8	157.9	163.7	131.4	163.8
1975	195	197	168.6	169.2	167.2	169.3	174.7	137.2	170.8
1976	224	236	182.6	191.8	197.5	198.5	193.6	147.6	148.0

1967 = 100

(a) The retail price indexes (1967=100) of all farm machinery from 1960 to 1965 are: 82, 84, 86, 88, 90 and 92 according to U.S. Department of Labour, Handbook of Labour Statistics, 1975, p. 455.

(b) Wholesale Price Indexes from 1965-70 are not strictly comparable with those from 1971-76 since the basis were adjusted in 1971.

(c) The wholesale price indexes for all farm machinery from 1960 to 1965 are: 86.1, 87.7, 89.4, 90.8, 92.2 and 94.0 according to U.S. Department of Commerce, Handbook of Labour Statistics, 1968, p. 272.

Sources: USDA Crop Reporting Board, Agricultural Prices, various years, U.S. Dept. of Labour, Wholesale Prices and Price Indexes, various years.

TABLE 49A. U.S. FARM MACHINERY DEALER MARGINS, EXPENSES AND PROFITS AS A PERCENTAGE OF SALES (a), 1960-76

Year	Total Margin (b)	Margin on New and Used Machines (c)	Margin on New Machines (c)	Margin on Used Machines (c)	Margin on Repair Parts (c)	Percentage of Total Sales		
						Total Operating Expense	Net Operating Profit	Total
							Tax (d)	New and Used Sales (e)
%								
1960	17.9	10.2	16.2	-7.5	27.3	15.1	2.8	63.9
1961	17.6	10.2	15.4	-5.1	27.4	14.6	3.0	66.2
1962	17.1	9.3	14.2	-5.5	26.9	13.9	3.2	67.4
1963	17.0	9.5	13.9	-4.5	27.0	13.7	3.3	70.7
1964	16.6	8.9	13.2	-4.1	26.8	13.3	3.3	69.2
1965	15.9	8.2	11.8	-3.4	26.8	12.7	3.2	71.2
1966	15.8	8.6	11.7	-1.8	26.0	12.2	3.5	73.9
1967	15.5	8.4	11.1	-1.1	25.6	12.2	3.3	74.3
1968	16.3	8.6	10.8	-1.4	26.7	13.4	2.9	71.6
1969	16.6	8.4	10.4	1.9	26.3	14.0	2.5	70.6
1970	17.3	8.8	10.3	4.2	27.5	14.2	3.0	70.8
1971	16.6	8.8	10.1	4.9	27.1	13.7	2.9	71.6
1972	16.7	8.8	9.7	5.7	27.9	13.6	3.1	72.7
1973	18.5	12.6	11.5	15.4	25.2	12.8	5.7	73.7
1974	19.6	14.1	14.9	10.9	26.7	13.6	6.0	72.5
1975	18.6	12.4	13.4	8.8	28.0	13.3	5.3	73.5
1976	18.0	11.4	12.5	7.9	29.4	13.8	4.2	74.9

(a) These figures are based on the average of reporting dealers' returns, margins, sales, etc.

(b) Includes gross profit on sales, service and leases, plus other income expressed as a percentage of total sales (expenses and taxes have not been deducted).

(c) Represents gross profit on machines or parts expressed as a percentage of the sales value of the machines or parts (expenses and taxes have not been deducted).

(d) Represents gross profit on sales, service and leases (before expenses and taxes) less total expenses.

(e) Sales other than new and used machinery sales include: service labor, parts, rental-lease income and sales of lines other than farm machinery.

Source: Farm and Power Equipment, "Cost of Doing Business," May issues for 1961-77.

TABLE 49B. ANNUAL TURNOVER RATIOS AND RETURNS OF U.S. FARM MACHINERY DEALERS, (a)
1960-76

Year	Total Asset Turnover (b)	Total Inventory Turnover (c)	New Equipment Inventory Turnover (d)	Repair Parts Inventory Turnover (d)	Net Profit(e) on Total Assets	Net Profit on Net Worth (f)
1960	n.a.	n.a.	n.a.	n.a.	6.5	10.6
1961	1.9	2.6	2.5	1.9	6.7	11.2
1962	2.1	3.0	3.0	2.1	7.9	14.5
1963	2.1.	3.0	3.4	2.0	8.0	15.0
1964	2.2.	3.0	3.0	2.0	8.1	15.8
1965	2.2.	3.2	3.3	2.1	8.1	16.4
1966	2.1.	2.8	2.7	2.0	8.4	19.5
1967	2.0	2.7	2.4	2.0	7.5	18.6
1968	1.8	2.2	2.0	2.0	5.4	15.7
1969	1.9	2.3	2.1	2.1	4.7	13.2
1970	1.8	2.1	1.9	1.9	5.4	15.9
1971	2.0	2.4	2.2	2.1	5.9	18.2
1972	2.0	2.7	2.6	2.1	6.4	19.8
1973	2.8	3.9	4.8	3.7	15.9	40.3
1974	2.5	3.4	3.5	2.4	15.9	40.3
1975	2.3	2.8	2.9	2.3	12.2	34.8
1976	2.2	2.6	2.7	2.2	9.5	29.5

n.a. = not available.

(a) These figures are based on the average of reporting dealers' inventories, profits, net worth, etc.

(b) Total sales ÷ total assets = turnover of total assets. Assets include cash and securities, accounts and notes receivable, inventories, fixed assets, finance reserves and other assets.

(c) Equals dealer cost of sales of new and used equipment, repair parts, other lines, and rental-lease income ÷ dealer value of total inventory.

(d) Equals dealer cost of sales of new equipment (or repair parts) ÷ dealer value of inventory of new equipment (or repair parts).

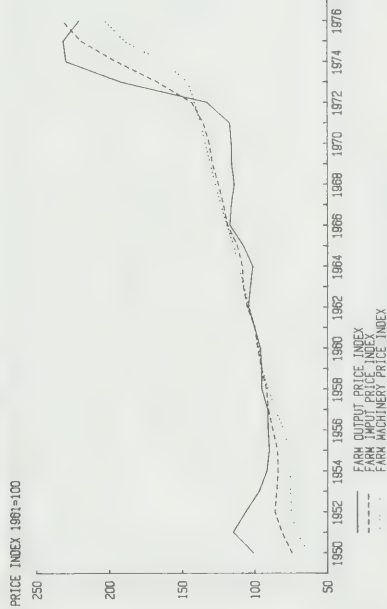
(e) Net operating profit before income taxes (see Table 49A, Footnote d).

(f) Total assets minus total liabilities = net worth (or equity).

Sources: Farm and Power Equipment, Cost of Doing Business, May issues.

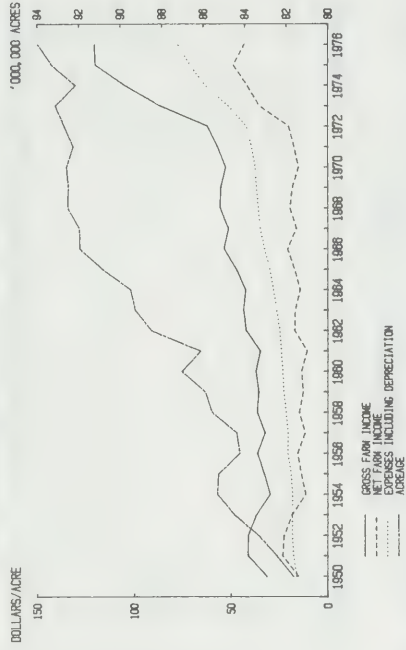
FIGURES

FIGURE 1: CANADA, SELECTED FARM OUTPUT AND INPUT PRICE INDEXES
1950-1976



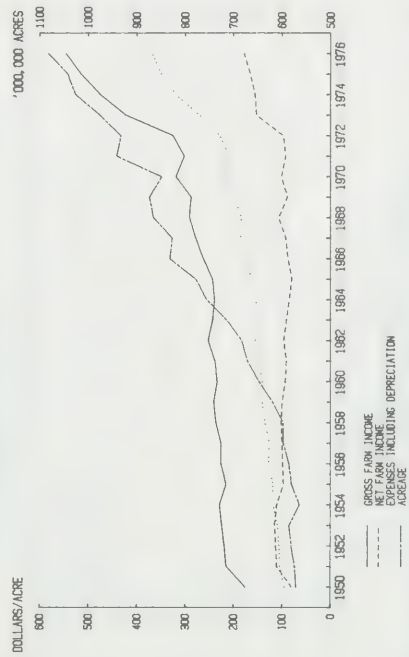
SOURCE: TABLE 1

FIGURE 2(a): CANADA, ANNUAL INCOME AND EXPENSES PER CROP AND
SUMMERFALLOW ACRE, 1950-1976



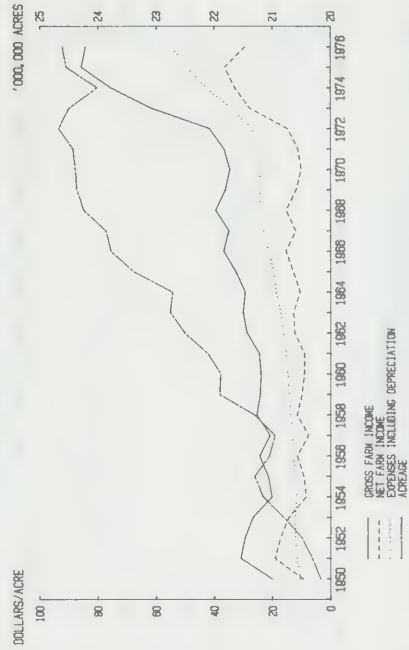
SOURCE: TABLE 2(a)

FIGURE 2(b): BRITISH COLUMBIA, ANNUAL INCOME AND EXPENSES PER CROP
AND SUMMERFALLOW ACRE, 1950-1976



SOURCE: TABLE 2(b)

FIGURE 2(c): ALBERTA, ANNUAL INCOME AND EXPENSES PER CROP AND
SUMMERFALLOW ACRE, 1950-1976



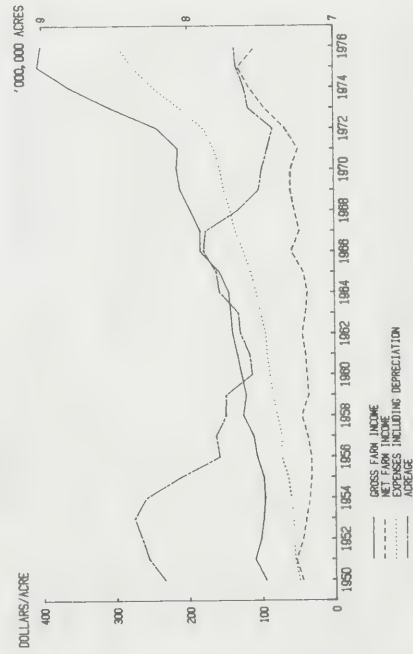
SOURCE: TABLE 2(c)

FIGURE 2(d): SASKATCHEWAN, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-1976



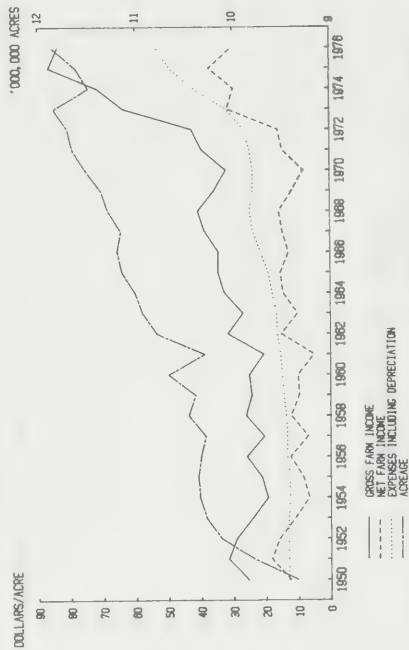
SOURCE: TABLE 2(d)

FIGURE 2(f): ONTARIO, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-1976



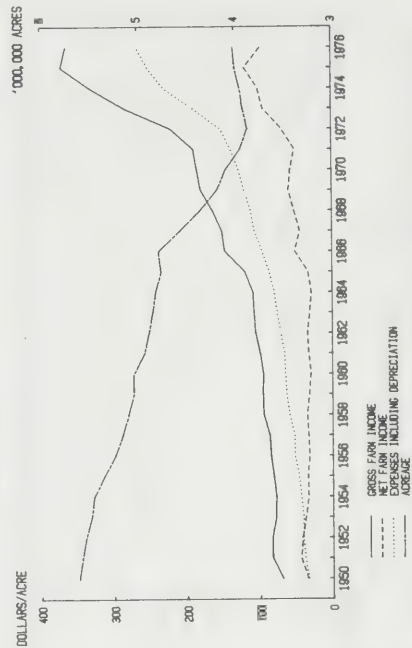
SOURCE: TABLE 2(f)

FIGURE 2(e): MANITOBA, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-1976



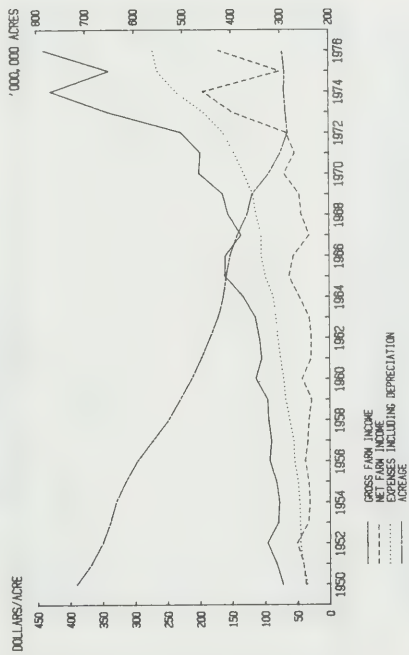
SOURCE: TABLE 2(e)

FIGURE 2(g): QUEBEC, ANNUAL INCOME AND EXPENSES PER CROP AND SUMMERFALLOW ACRE, 1950-1976



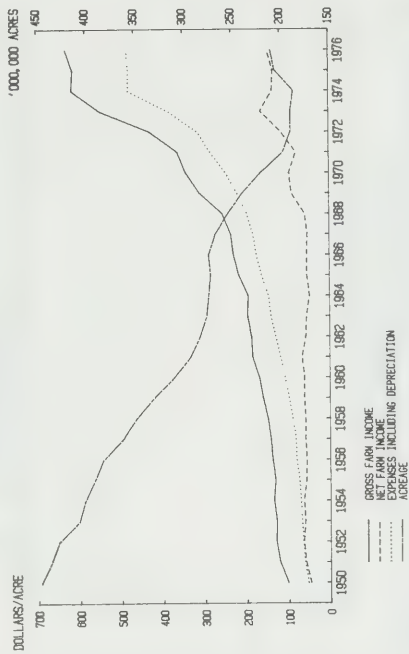
SOURCE: TABLE 2(g)

FIGURE 2(h): NEW BRUNSWICK, ANNUAL INCOME AND EXPENSES PER CROP AND
SUMMERFALLOW ACRE, 1950-1976



SOURCE: TABLE 2(a)

FIGURE 2(i): NOVA SCOTIA, ANNUAL INCOME AND EXPENSES PER CROP AND
SUMMERFALLOW ACRE, 1950-1976



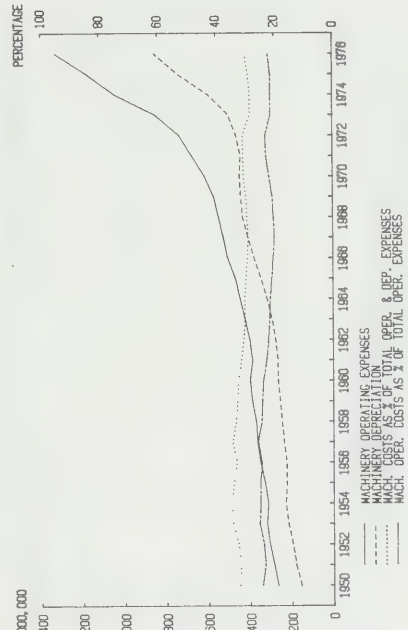
SOURCE: TABLE 2(i)

FIGURE 2(j): PRINCE EDWARD ISLAND, ANNUAL INCOME AND EXPENSES
PER CROP AND SUMMERFALLOW ACRE, 1950-1976



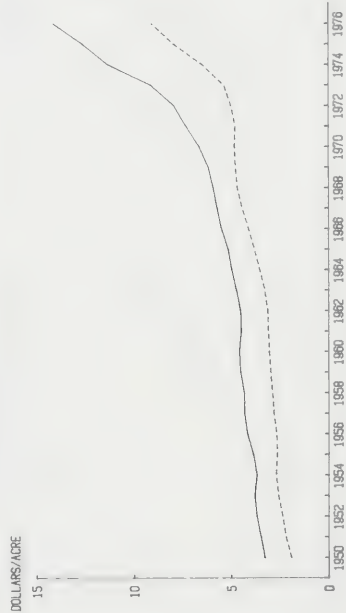
SOURCE: TABLE 2(j)

FIGURE 3(a): CANADA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF
FARM MACHINERY, 1950-1976



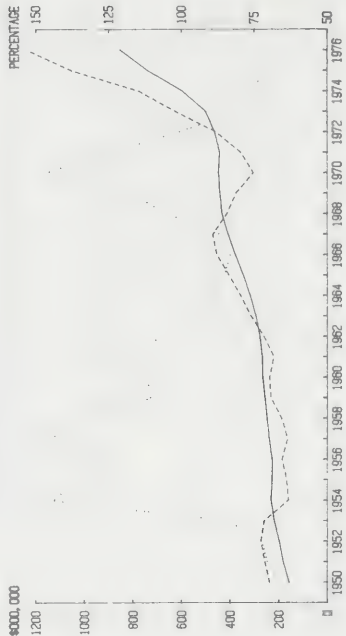
SOURCE: TABLE 3(a)

FIGURE 3(b): CANADA, TOTAL MACHINERY OPERATING EXPENSES AND DEPRECIATION PER ACRE, 1950-1976



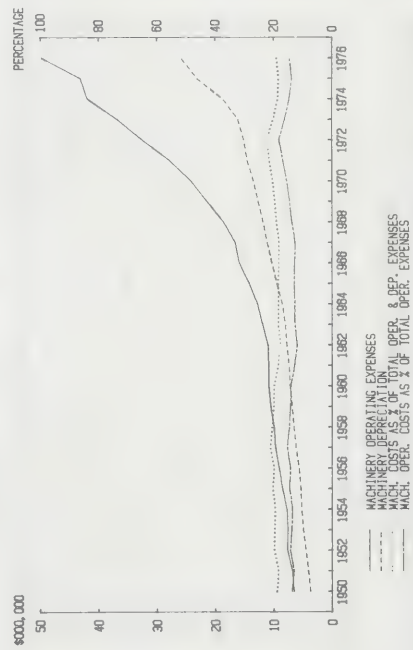
SOURCE: TABLE 3(a)

FIGURE 3(c): CANADA, DEPRECIATION OF FARM MACHINERY VS. SALES OF FARM MACHINES, 1950-1976



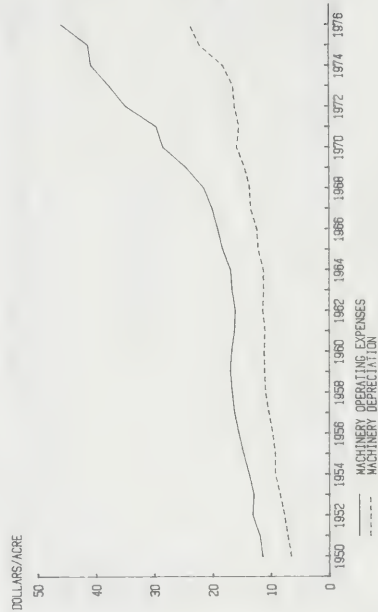
SOURCE: TABLE 3(c) AND 4(c) BUT SEE FOOTNOTE c, TABLE 3(c) FOR MODIFICATION OF DATA ON SALES IN TABLE 4(c).

FIGURE 3(d): BRITISH COLUMBIA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-1976



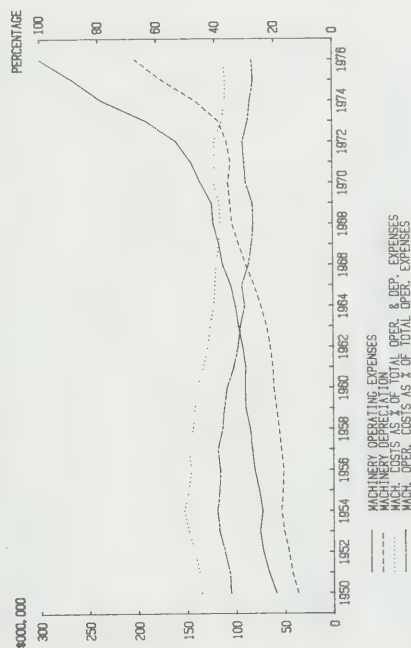
SOURCE: TABLE 3(b)

FIGURE 3(e): BRITISH COLUMBIA, TOTAL MACHINERY OPERATING EXPENSES AND DEPRECIATION PER ACRE, 1950-1976



SOURCE: TABLE 3(b)

FIGURE 3(f): ALBERTA, ANNUAL OPERATING EXPENSES AND DEPRECIATION
OF FARM MACHINERY, 1950-1976



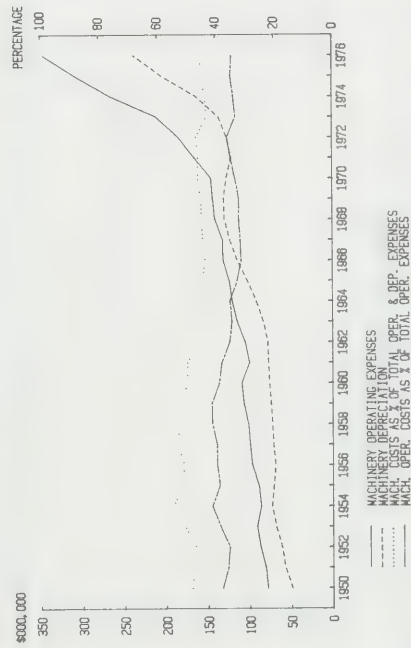
SOURCE: TABLE 3(f)

FIGURE 3(g): ALBERTA, TOTAL MACHINERY OPERATING EXPENSES AND
DEPRECIATION PER ACRE, 1950-1976



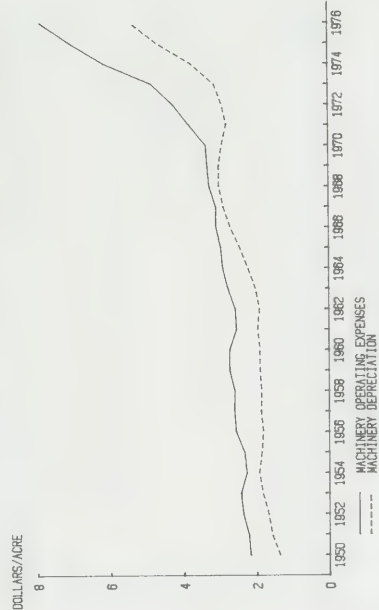
SOURCE: TABLE 3(g)

FIGURE 3(h): SASKATCHEWAN, ANNUAL OPERATING EXPENSES AND DEPRECIATION
OF FARM MACHINERY, 1950-1976



SOURCE: TABLE 3(h)

FIGURE 3(i): SASKATCHEWAN, TOTAL MACHINERY OPERATING AND
DEPRECIATION PER ACRE, 1950-1976



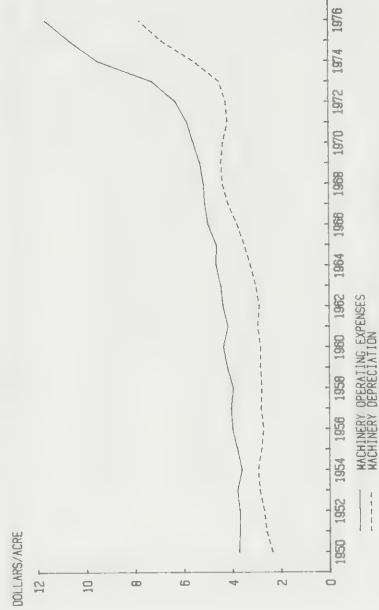
SOURCE: TABLE 3(i)

FIGURE 3(j): MANITOBA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-1976



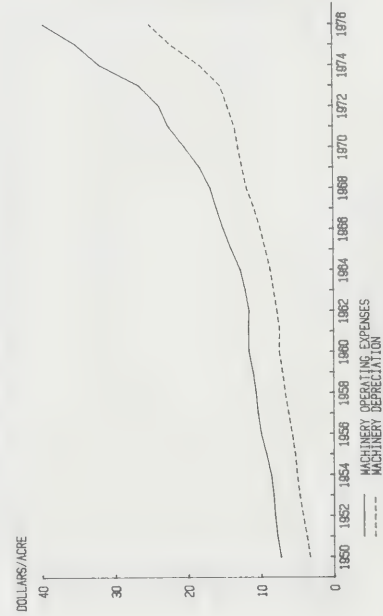
SOURCE: TABLE 3(a)

FIGURE 3(k): MANITOBA, TOTAL MACHINERY OPERATING EXPENSES AND DEPRECIATION PER ACRE, 1950-1976



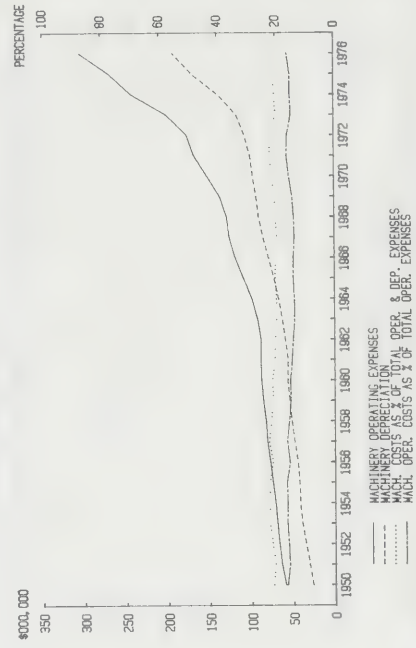
SOURCE: TABLE 3(a)

FIGURE 3(m): ONTARIO, TOTAL MACHINERY OPERATING EXPENSES AND DEPRECIATION PER ACRE, 1950-1976



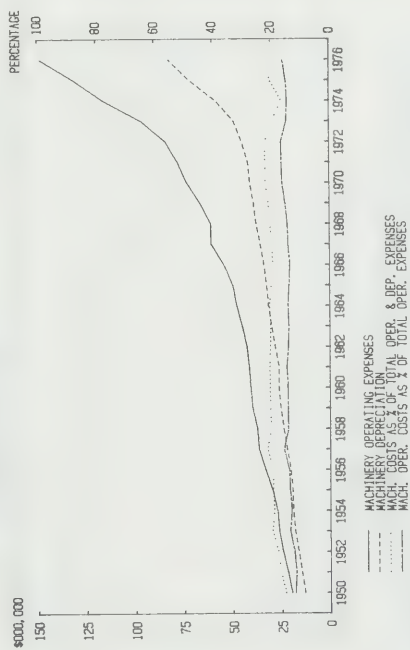
SOURCE: TABLE 3(f)

FIGURE 3(l): ONTARIO, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-1976



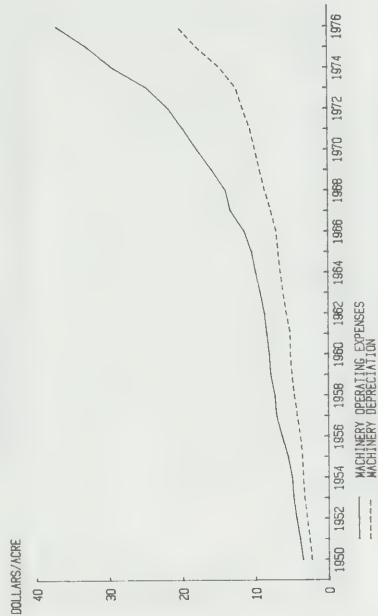
SOURCE: TABLE 3(f)

FIGURE 3(n): QUEBEC, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-1976



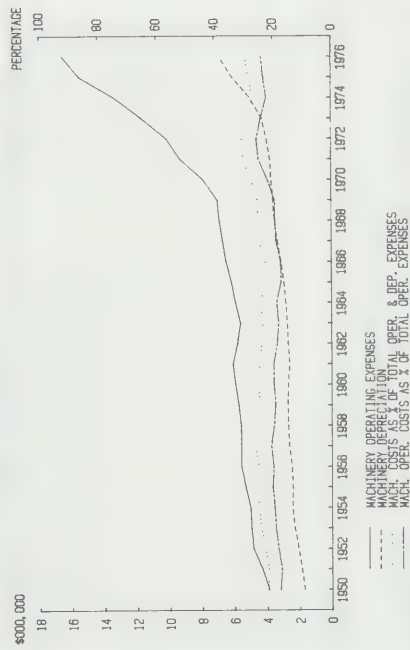
SOURCE: TABLE 3(g)

FIGURE 3(o): QUEBEC, TOTAL MACHINERY OPERATING EXPENSES AND DEPRECIATION PER ACRE, 1950-1976



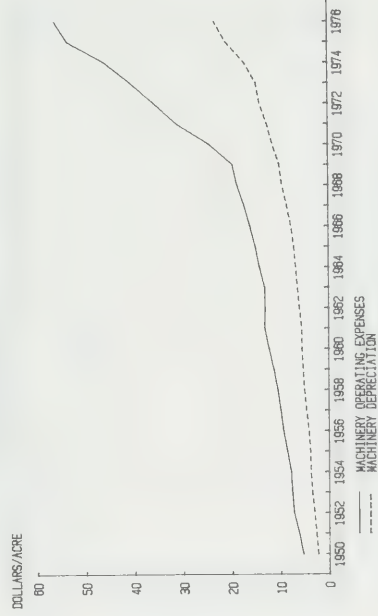
SOURCE: TABLE 3(g)

FIGURE 3(p): NEW BRUNSWICK, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-1976



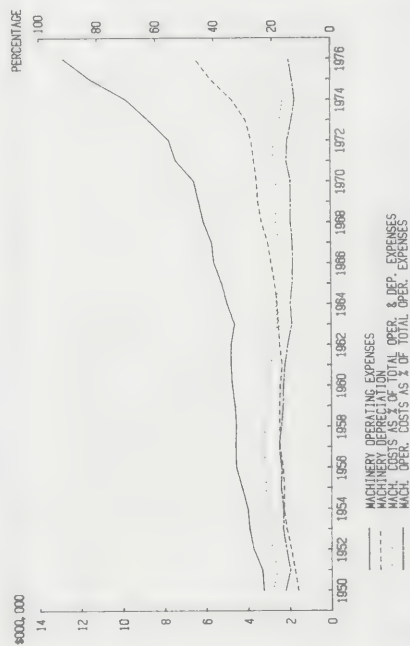
SOURCE: TABLE 3(n)

FIGURE 3(q): NEW BRUNSWICK, TOTAL MACHINERY OPERATING EXPENSES AND DEPRECIATION PER ACRE, 1950-1976



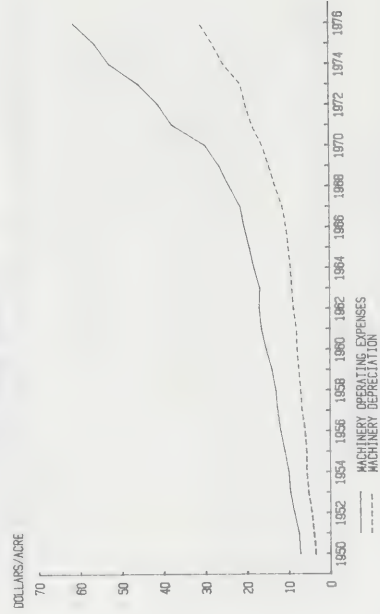
SOURCE: TABLE 3(n)

FIGURE 3(γ): NOVA SCOTIA, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-1976



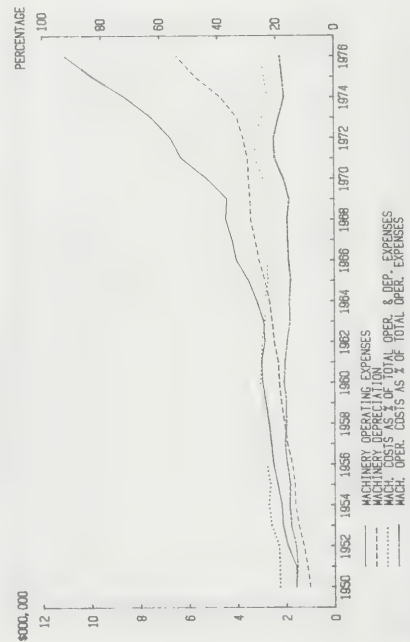
SOURCE: TABLE 3(i)

FIGURE 3(ε): NOVA SCOTIA, TOTAL MACHINERY EXPENSES AND DEPRECIATION PER ACRE, 1950-1976



SOURCE: TABLE 3(i)

FIGURE 3(δ): PRINCE EDWARD ISLAND, ANNUAL OPERATING EXPENSES AND DEPRECIATION OF FARM MACHINERY, 1950-1976



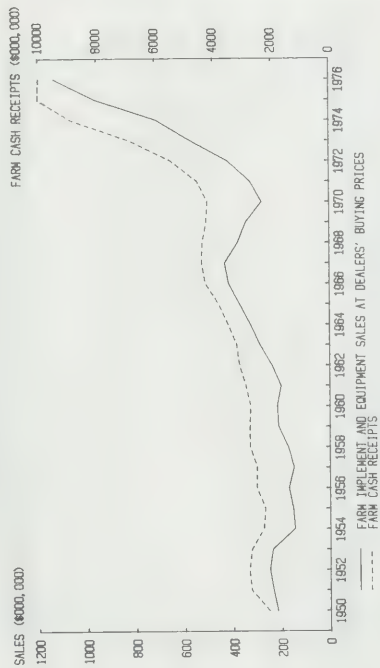
SOURCE: TABLE 3(j)

FIGURE 3(ω): PRINCE EDWARD ISLAND, TOTAL MACHINERY OPERATING EXPENSES AND DEPRECIATION PER ACRE, 1950-1976



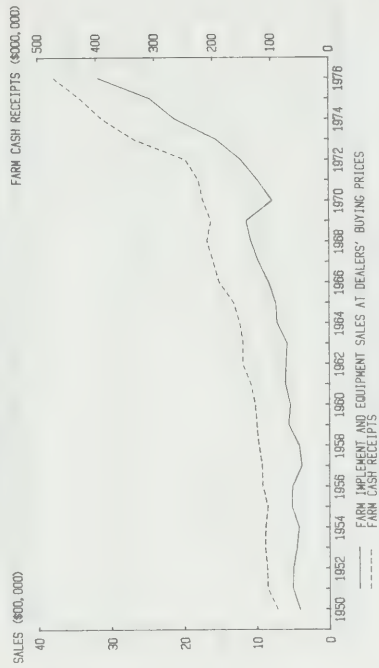
SOURCE: TABLE 3(j)

FIGURE 4(c): CANADA, FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-1976



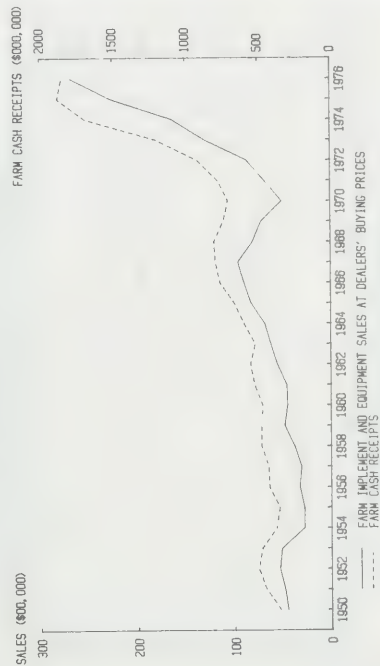
SOURCE: TABLE 4(c)

FIGURE 4(b): BRITISH COLUMBIA, FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-1976



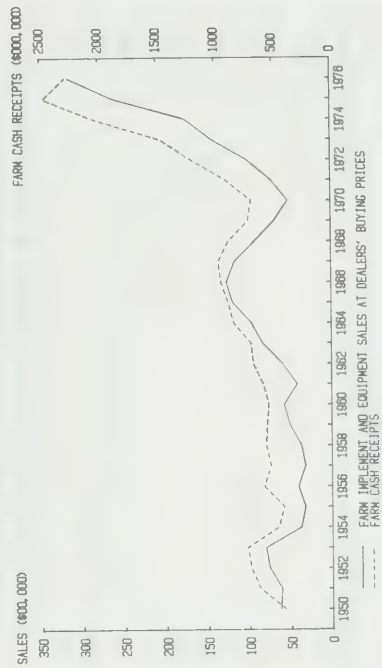
SOURCE: TABLE 4(b)

FIGURE 4(c): ALBERTA, FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-1976



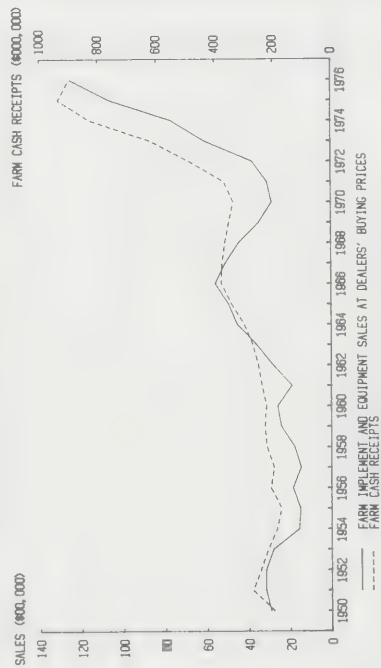
SOURCE: TABLE 4(c)

FIGURE 4(d): SASKATCHEWAN, FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-1976



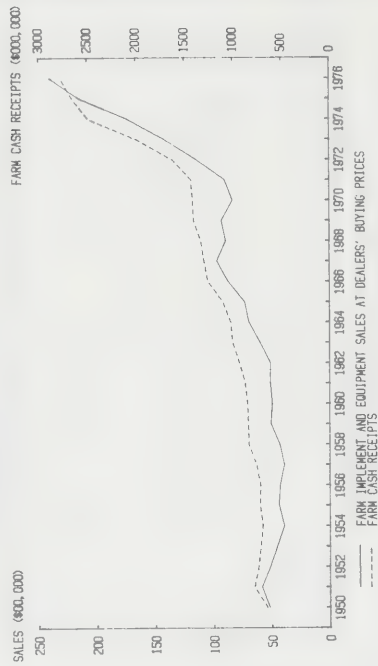
SOURCE: TABLE 4(d)

FIGURE 4(e): MANITOBA, FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-1976



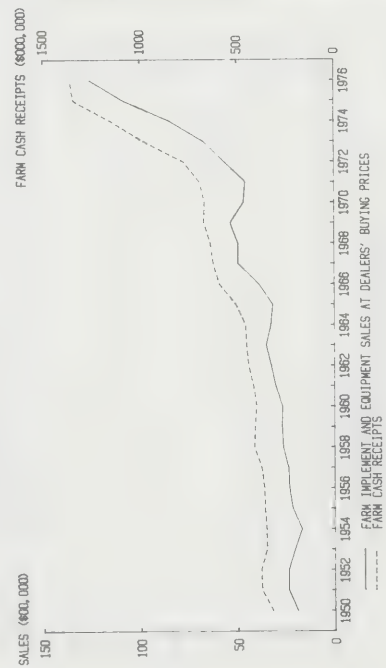
SOURCE: TABLE 4(e)

FIGURE 4(f): ONTARIO, FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-1976



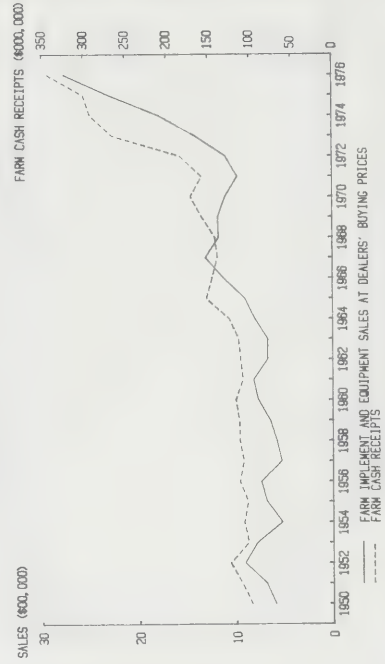
SOURCE: TABLE 4(f)

FIGURE 4(g): QUEBEC, FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-1976



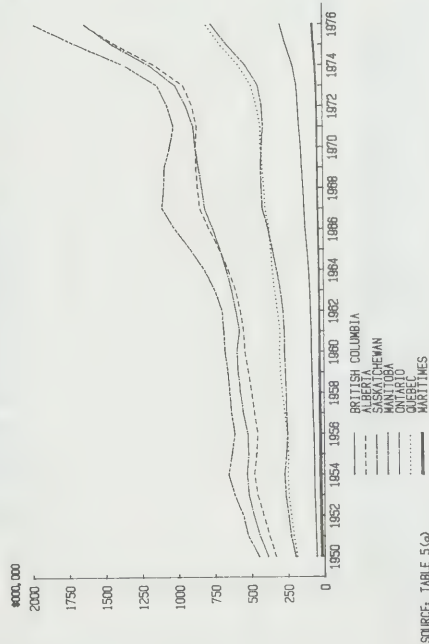
SOURCE: TABLE 4(g)

FIGURE 4(h): ATLANTIC PROVINCES, FARM CASH RECEIPTS AND FARM IMPLEMENT AND EQUIPMENT SALES, 1950-1976



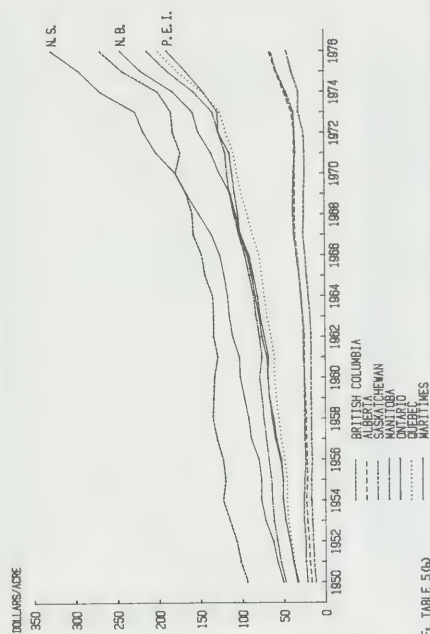
SOURCE: TABLE 4(h)

FIGURE 5(a): TOTAL VALUE OF FARM MACHINERY AND IMPLEMENTS
ON FARMS, BY PROVINCE, 1950-1976



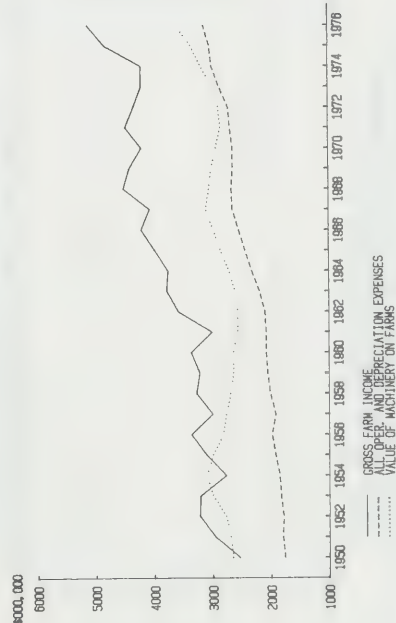
SOURCE: TABLE 5(a)

FIGURE 5(b): PER ACRE VALUE OF FARM MACHINERY AND IMPLEMENTS
ON FARMS, BY PROVINCE, 1950-1976



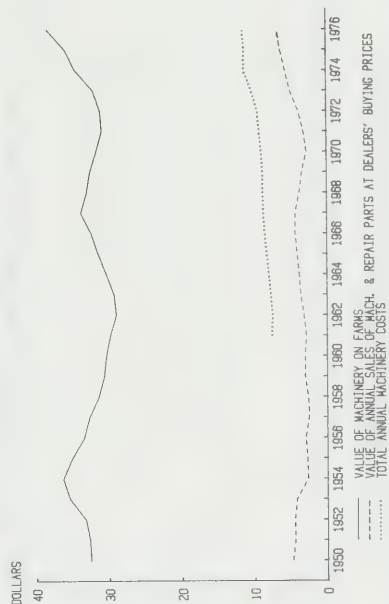
SOURCE: TABLE 5(b)

FIGURE 6(a): CANADA, DEFLATED VALUES - FARM OUTPUT AND EXPENSES
AND VALUE OF MACHINERY ON FARMS, 1950-1976



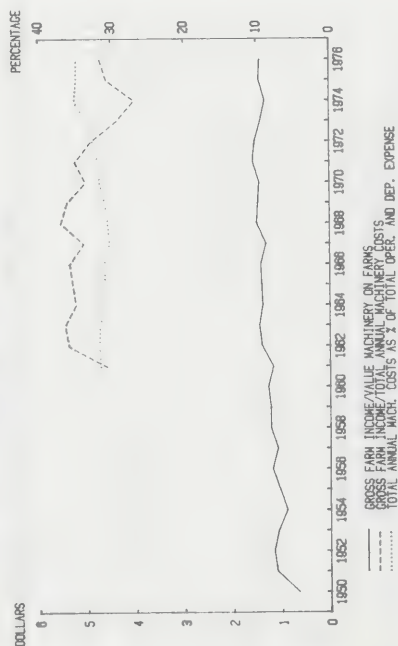
SOURCE: TABLE 6(a)

FIGURE 6(b): CANADA, DEFLATED PER ACRE VALUES OF MACHINERY ON FARMS,
SALES OF MACHINERY, TOTAL ANNUAL MACHINERY COSTS, 1950-1976



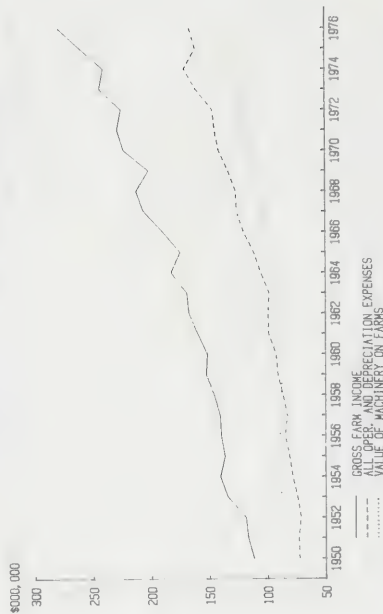
SOURCE: TABLE 6(b)

FIGURE 6(c): CANADA, COMPARATIVE RELATIONS OF DEFLATED VALUES OF
INCOME, EXPENSES AND MACHINERY ON FARMS, 1950-1976



SOURCE: TABLE 6(c)

FIGURE 6(d): BRITISH COLUMBIA, DEFLATED VALUE - FARM OUTPUT AND
EXPENSES AND VALUE OF MACHINERY ON FARMS, 1950-1976



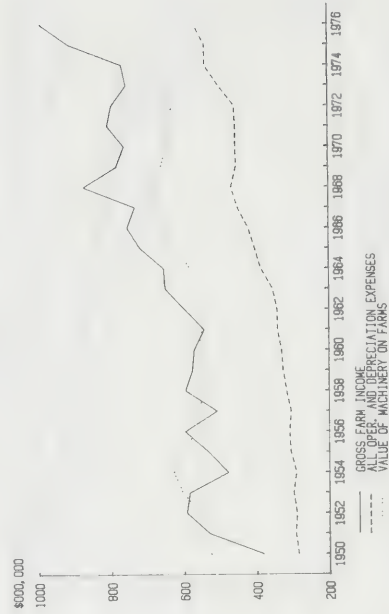
SOURCE: TABLE 6(d)

FIGURE 6(e): BRITISH COLUMBIA, COMPARATIVE RELATIONS OF DEFLATED
VALUES OF INCOME, EXPENSES AND MACHINERY ON FARMS, 1950-1976



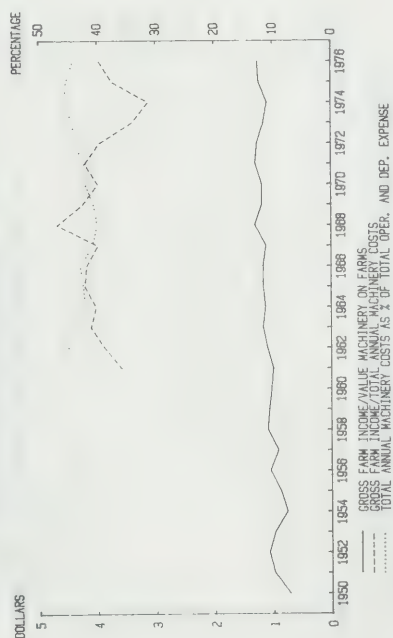
SOURCE: TABLE 6(e)

FIGURE 6(f): ALBERTA, DEFLATED VALUES - FARM OUTPUT AND
EXPENSES AND VALUE OF MACHINERY ON FARMS, 1950-1976



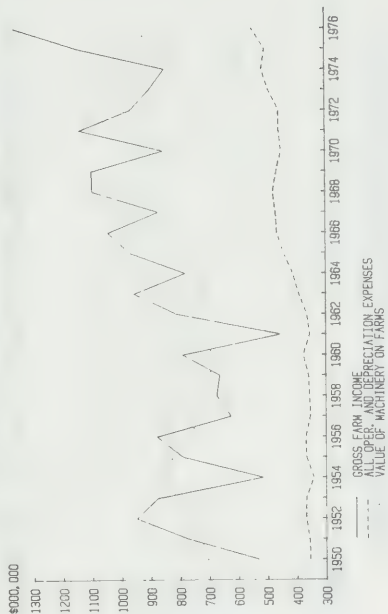
SOURCE: TABLE 6(f)

FIGURE 6(d): ALBERTA, COMPARATIVE RELATIONS OF DEFLATED VALUES OF INCOME, EXPENSES AND MACHINERY ON FARMS, 1950-1976



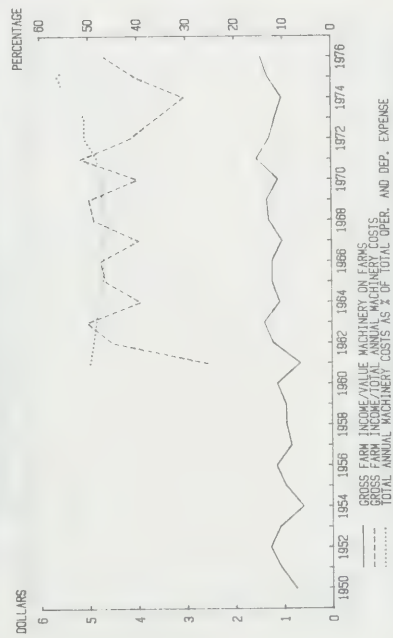
SOURCE: TABLE 6(d)

FIGURE 6(h): SASKATCHEWAN, DEFLATED VALUES - FARM OUTPUT AND EXPENSES AND VALUE OF MACHINERY ON FARMS, 1950-1976



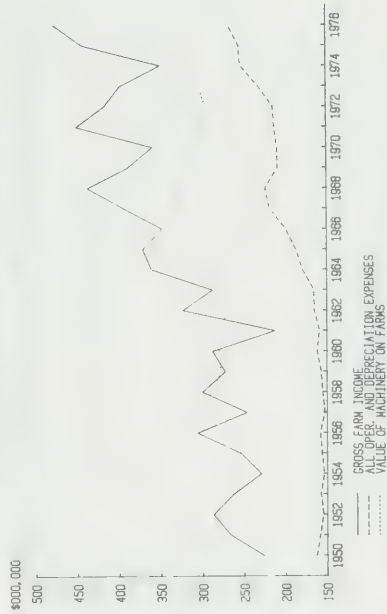
SOURCE: TABLE 6(h)

FIGURE 6(i): SASKATCHEWAN, COMPARATIVE RELATIONS OF DEFLATED VALUES OF INCOME, EXPENSES AND MACHINERY ON FARMS, 1950-1976



SOURCE: TABLE 6(i)

FIGURE 6(j): MANITOBA, DEFLATED VALUES - FARM OUTPUT AND EXPENSES AND VALUE OF MACHINERY ON FARMS, 1950-1976



SOURCE: TABLE 6(j)

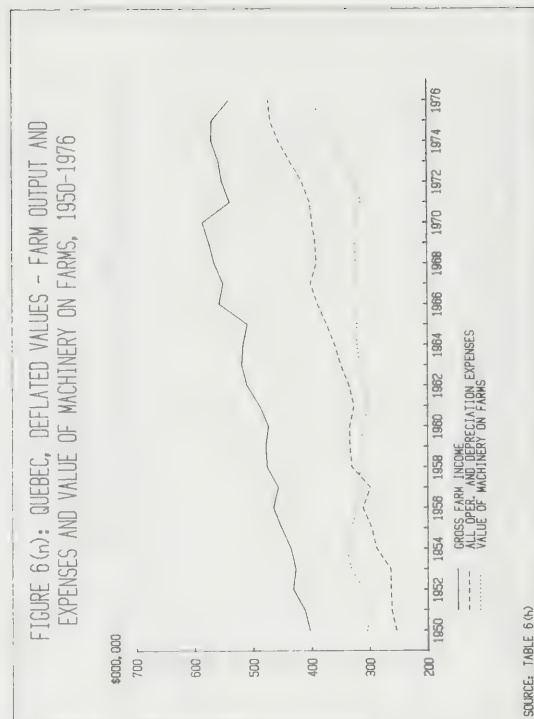
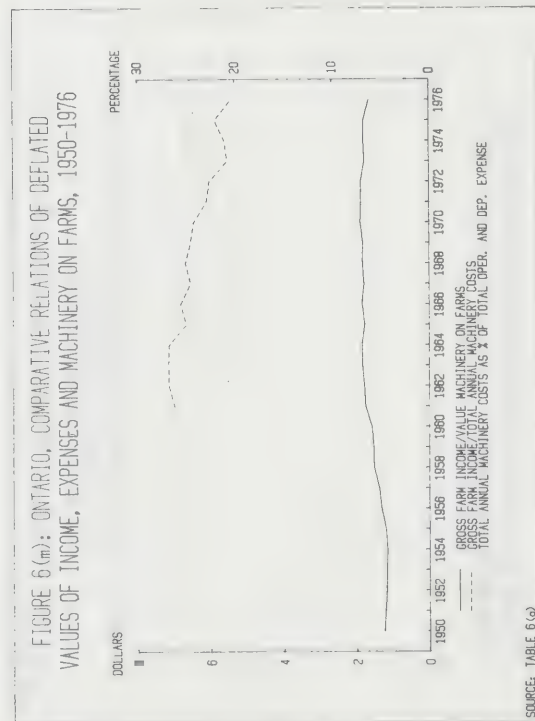
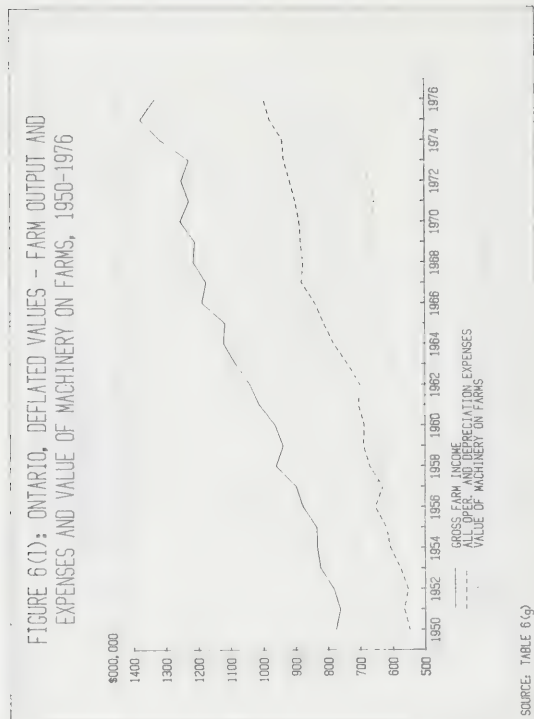
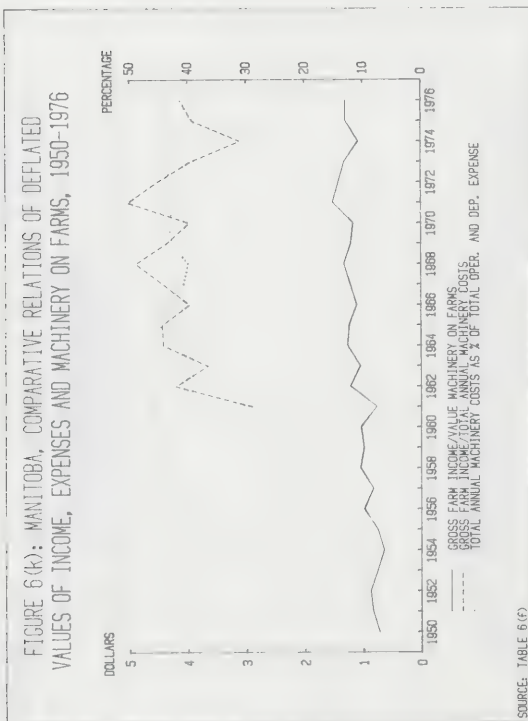
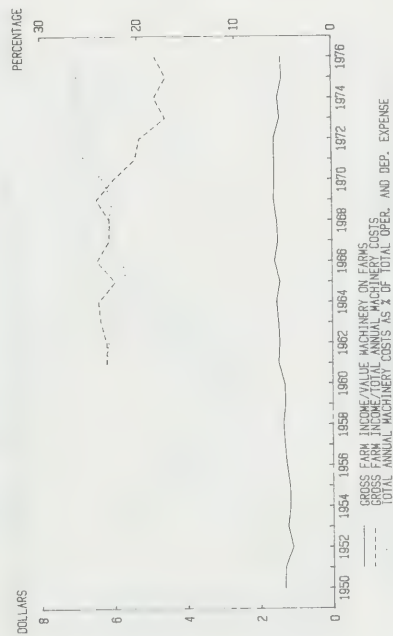


FIGURE 6(c): QUEBEC, COMPARATIVE RELATIONS OF DEFLATED
VALUES OF INCOME, EXPENSES AND MACHINERY ON FARMS, 1950-1976



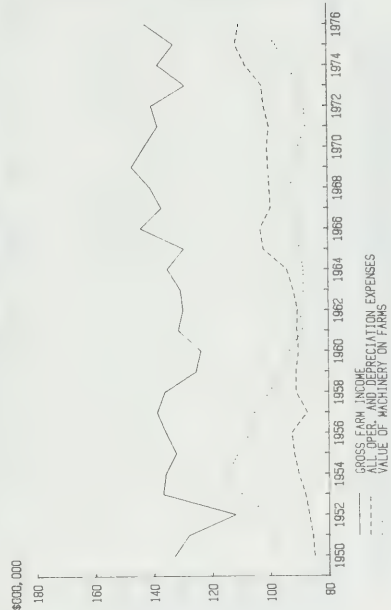
SOURCE: TABLE 6(a)

FIGURE 6(d): ATLANTIC PROVINCES, COMPARATIVE RELATIONS OF DEFLATED
VALUES OF INCOME, EXPENSES AND MACHINERY ON FARMS, 1950-1976



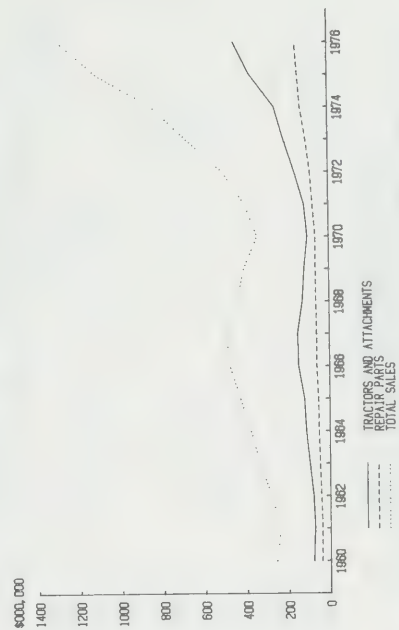
SOURCE: TABLE 6(a)

FIGURE 6(p): ATLANTIC PROVINCES, DEFLATED VALUES - FARM OUTPUT AND
EXPENSES AND VALUE OF MACHINERY ON FARMS, 1950-1976



SOURCE: TABLE 6(a)

FIGURE 7: FARM IMPLEMENT AND EQUIPMENT SALES - CANADA, BY YEAR
1960-1976



SOURCE: TABLE 7

FIGURE 8: UNIT SALES OF SELECTED MACHINERY - CANADA
1960-1976



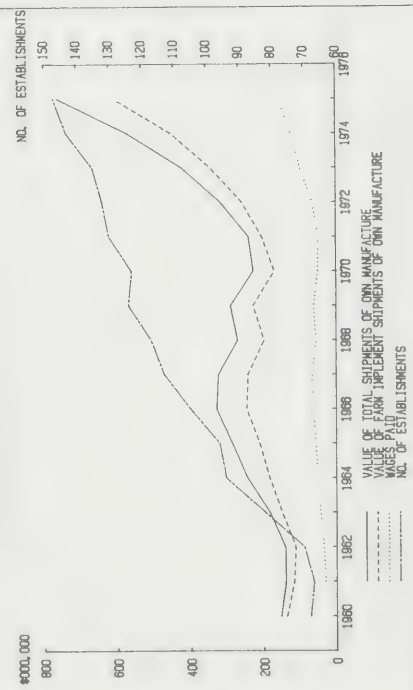
SOURCE: TABLE 9

FIGURE 9: ANNUAL AND MONTHLY SALES OF FARM MACHINERY AND
MONTHLY DEALERS' INVENTORIES, 1960-1977



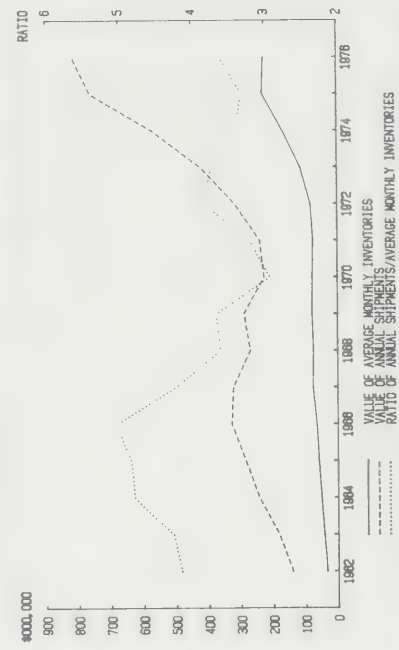
SOURCE: TABLES 14-17

FIGURE 10: SELECTED STATISTICS OF THE CANADIAN
AGRICULTURAL IMPLEMENT INDUSTRY, 1960-1975



SOURCE: TABLE 18

FIGURE 11: CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY -
AVERAGE MONTHLY INVENTORIES VS. ANNUAL SHIPMENTS, 1962-1976



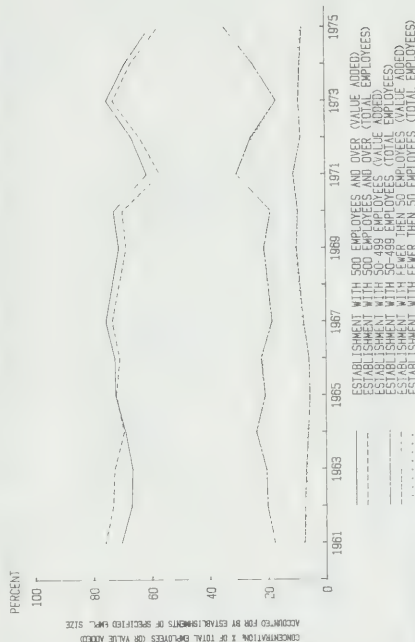
SOURCE: TABLE 19

FIGURE 12: SELECTED CHARACTERISTICS OF CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY BY SIZE OF ESTABLISHMENT, 1961-1975



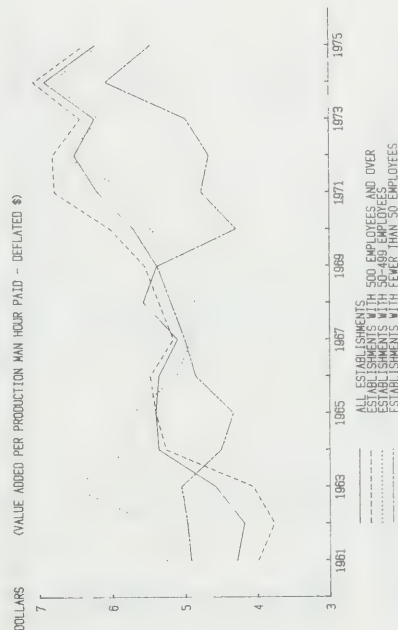
SOURCE: TABLE 20

FIGURE 13: CONCENTRATION OF PRODUCTION AND EMPLOYMENT IN CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY BY SIZE OF ESTABLISHMENT, 1961-1975



SOURCE: TABLE 21

FIGURE 14: PRODUCTIVITY IN CANADIAN AGRICULTURAL IMPLEMENT INDUSTRY BY SIZE OF ESTABLISHMENT, 1961-1975



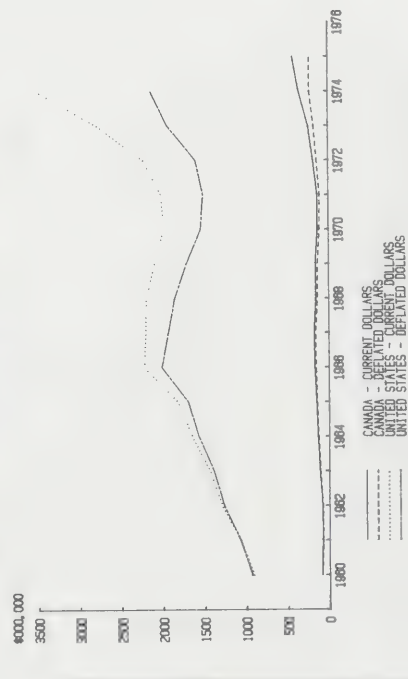
SOURCE: TABLE 27 (a)

FIGURE 15: CANADIAN VS. UNITED STATES AGRICULTURAL IMPLEMENT INDUSTRY'S VALUE OF SHIPMENTS, 1960-1975



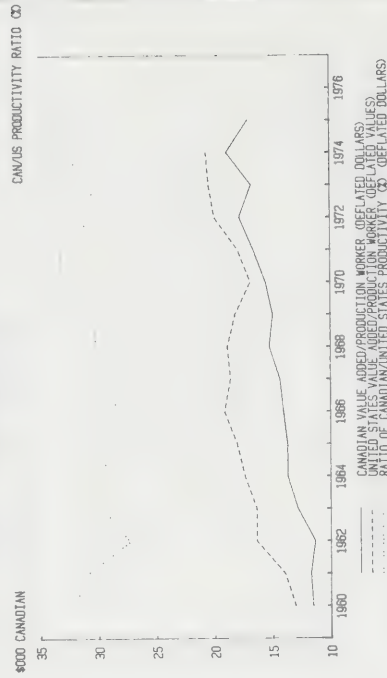
SOURCE: TABLE 28

FIGURE 16: CANADIAN VS. UNITED STATES AGRICULTURAL IMPLEMENT INDUSTRY'S VALUE ADDED BY MANUFACTURING, 1960-1975



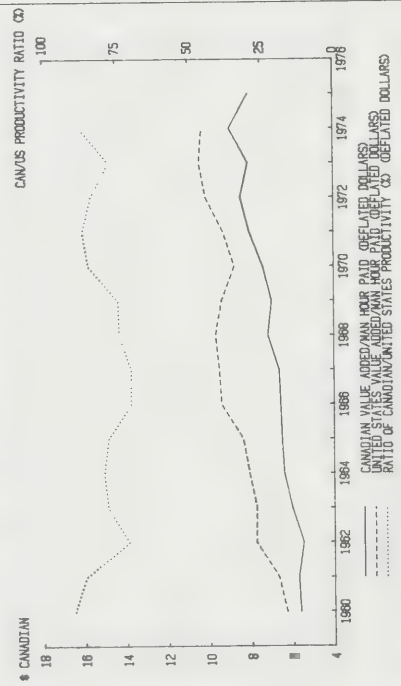
SOURCE: TABLE 28

FIGURE 17: LABOUR PRODUCTIVITY IN CANADIAN AND U.S. AGRICULTURAL IMPLEMENT INDUSTRY (VALUE ADDED PER PRODUCTION WORKER), 1960-1975



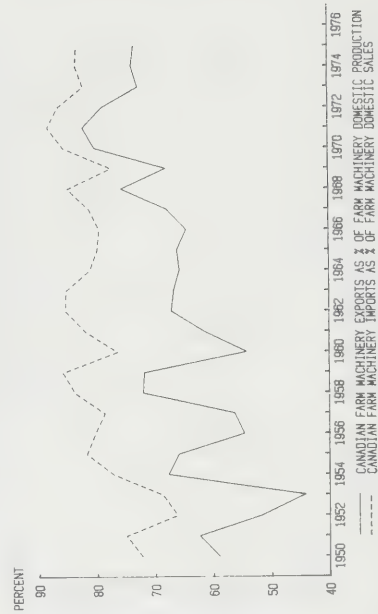
SOURCE: TABLES 29 (a) AND 29 (b)

FIGURE 18: LABOUR PRODUCTIVITY IN CANADIAN AND U.S. AGRICULTURAL IMPLEMENT INDUSTRY (VALUE ADDED/MAN HOUR PAID), 1960-1975



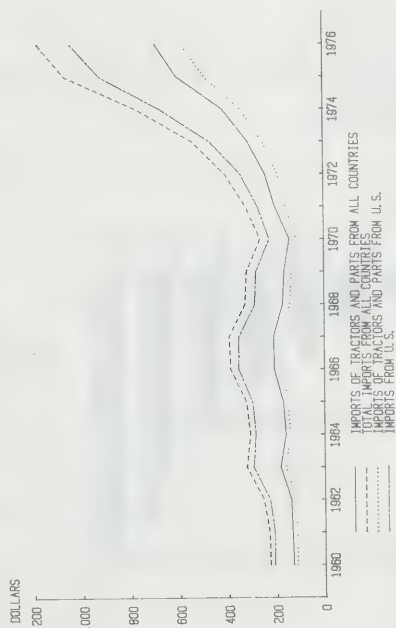
SOURCE: TABLES 28 (a) AND 28 (b)

FIGURE 19: RATIO OF CANADIAN FARM MACHINERY EXPORTS TO DOMESTIC PRODUCTION AND IMPORTS TO DOMESTIC SALES, 1950-1976



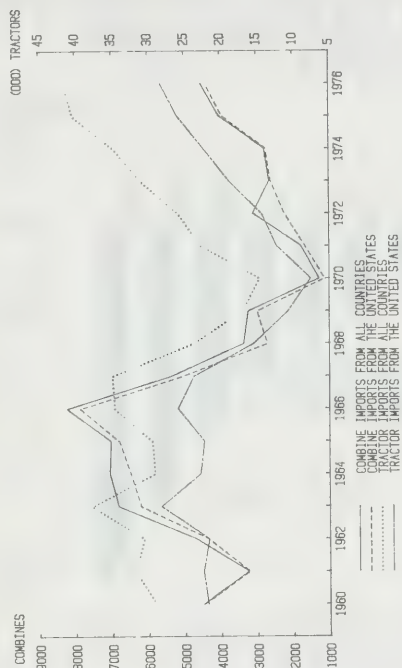
SOURCE: TABLE 30 (b)

FIGURE 20: IMPORTS OF TRACTORS AND TOTAL FARM MACHINERY
1960-1976



SOURCE: TABLES 31 (a) and 32 (a)

FIGURE 21: UNIT IMPORTS OF COMBINES AND TRACTORS
1960-1976



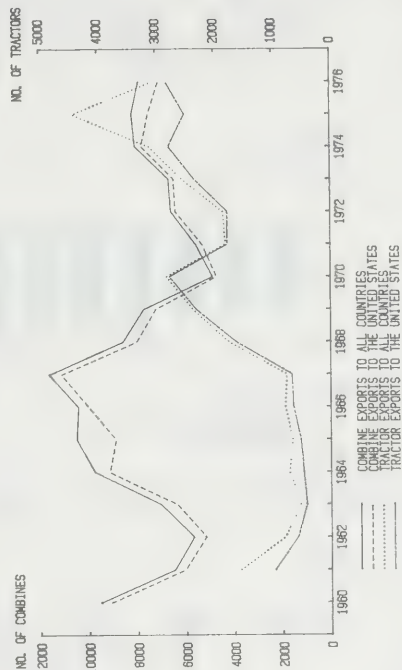
SOURCE: TABLES 31 (b) and 32 (b)

FIGURE 22: TOTAL EXPORTS OF FARM MACHINERY AND
EXPORTS OF COMBINES, 1960-1976



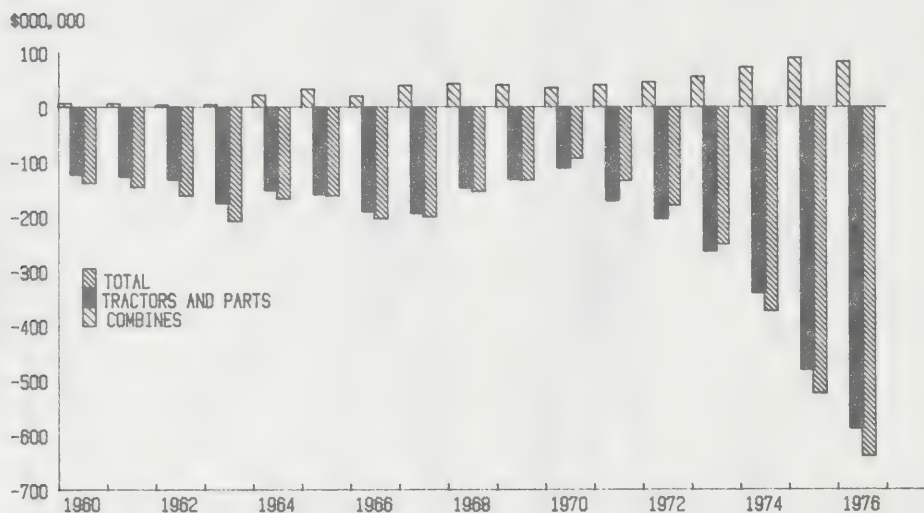
SOURCE: TABLES 36 (a) AND 37 (a)

FIGURE 23: UNITS OF COMBINES AND TRACTORS EXPORTED
1960-1976



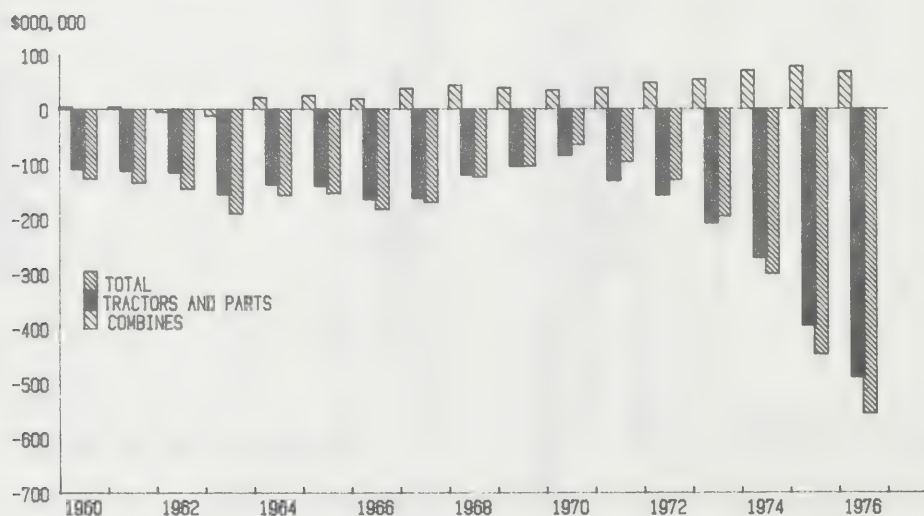
SOURCE: TABLES 36 (b) AND 37 (b)

FIGURE 24: TOTAL NET TRADE BALANCE BY TYPE OF FARM MACHINERY
1960-1976



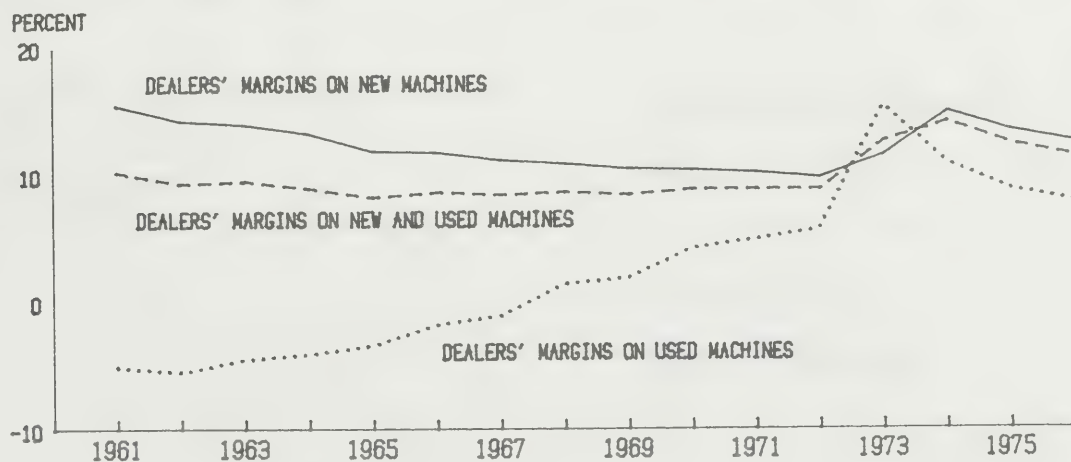
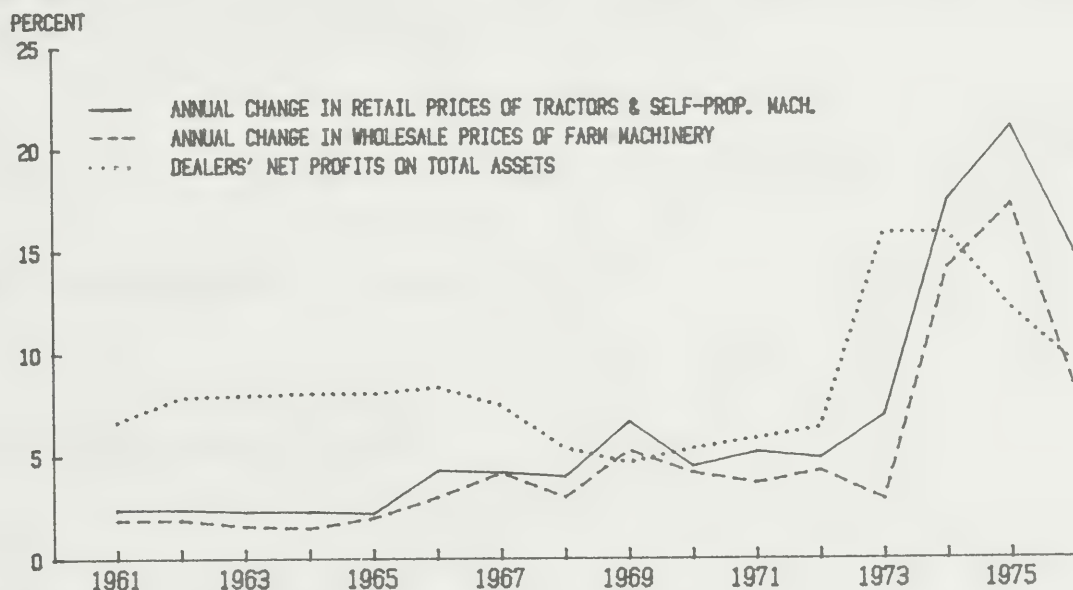
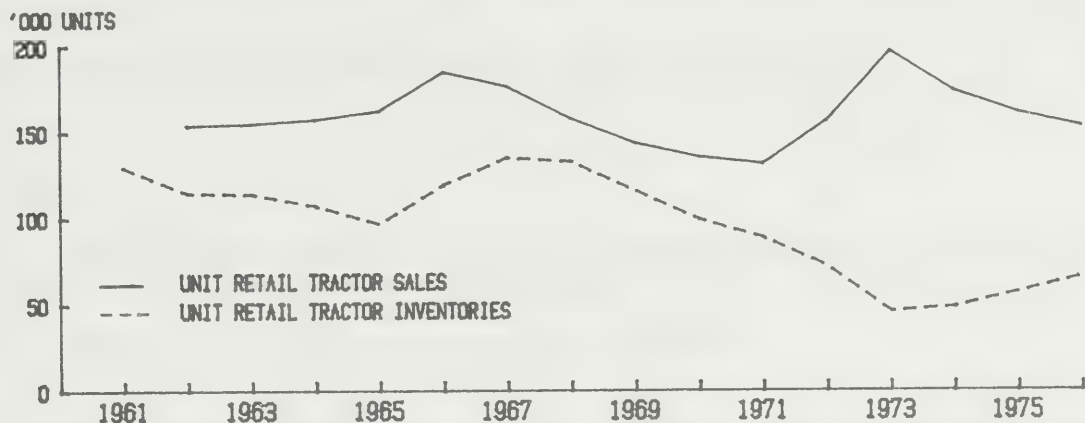
SOURCE: TABLE 41

FIGURE 25: NET TRADE BALANCE WITH THE UNITED STATES BY TYPE OF
FARM MACHINERY, 1960-1976



SOURCE: TABLE 42

FIGURE 26: U.S. FARM MACHINERY INVENTORIES AND PRICES AND DEALERS' MARGINS AND PROFITS, 1961-1976



SOURCES: TABLES 46, 47, 48, 49(a) AND 49(b)

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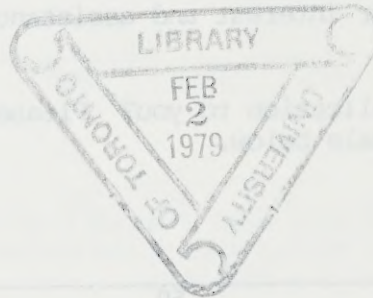
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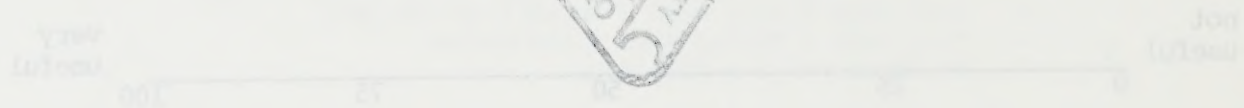
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